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DOCUMENT RESUME

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ABSTRACT

Resumes contained in this second annual report cover research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1978 to June 30, 1979 (fiscal year 1979). The projects were funded under Sections 131, 132, and 133 of the Vocational Education Act of 1963 as revised by the Education Amendments of 1976. Resumes are arranged alphabetically by state, within state by legislative section, and alphabetically by title within sections. Information provided in each resume includes the project director, organization address, sponsoring agency, funding period, and fiscal year funding. A subject index is included in addition to appendixes listing state directors of vocational education and RCU directors. (Author/LRA)

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ED190848

CURRENT PROJECTS IN VOCATIONAL EDUCATION—FY 1979
State-Administered Projects

Compiled by
Patricia Arthur
Wesley E. Budke

The National Center for Research in Vocational Education
The Ohio State University
1960 Kenny Road
Columbus, OH 43210

June 1980

CE 026 372

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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- Generating knowledge through research
- Developing educational programs and products
- Evaluating individual program needs and outcomes
- Providing information for national planning and policy
- Installing educational programs and products
- Operating information systems and services
- Conducting leadership development and training programs

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Contractor:	The National Center for Research in Vocational Education The Ohio State University Columbus, Ohio 43210
Executive Director:	Robert E. Taylor
Clearinghouse Director:	Wesley E. Budke
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ABSTRACT

Resumes contained in this second annual report cover research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1978 to June 30, 1979 (fiscal year 1979). The projects were funded under Sections 131, 132, and 133 of the Vocational Education Act of 1963 as revised by the Education Amendments of 1976. Resumes are arranged alphabetically by state, within state by legislative section, and alphabetically by title within sections. Information provided in each resume includes the project director, organization address, sponsoring agency, funding period, and fiscal year funding. A subject index is included in addition to appendixes listing state directors of vocational education and RCU directors. The report for fiscal year 1978 is available in ERIC.

FOREWORD

Educators must be aware of ongoing vocational education research and development projects to keep abreast of new exemplary practices and products, to facilitate incorporation of innovations into programs, and to reduce duplication of effort. The National Center for Research in Vocational Education, through the National Center Clearinghouse, is pleased to disseminate pertinent research and development information through this compilation of state-administered vocational education program improvement projects (Sections 131, 132, and 133 of PL 94-482). The publication provides researchers, program planners, curriculum developers, evaluators, teacher educators, teachers, counselors, and administrators with an easy-to-use report of projects in progress.

We wish to thank staff of the research coordinating units in each state and territory for identifying and supplying project information.

Recognition is given to Clearinghouse staff for their efforts in compiling this publication: Wesley E. Budke, Clearinghouse director; Patricia Arthur, program associate; Yvonne Blauvelt, Wayne Clapp, Paula Kurth, Joanne Mase, Laurian Miguel, and Fran Parmley, program assistants; Wallis Harsch, publication specialist; Naomi Jacobs, librarian; and Brenda Bythewood, typist.

Robert E. Taylor
Executive Director
The National Center for Research in Vocational Education

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INTRODUCTION

Information compiled in this annual report covers research projects, exemplary and innovative projects, and curriculum development projects administered by state departments of education through research coordinating units (RCUs) from July 1, 1978 to June 30, 1979 (fiscal year 1979). The federal funds actually spent during this period were carried forward from the previous fiscal year or specifically charged to FY 1979.

Authorizing Legislation

Most state RCUs were first established through grants authorized under the Vocational Education Act of 1963 (PL 88-210). They became a permanent part of the states' vocational education program improvement efforts with the 1968 amendments to that act (PL 90-576). The Education Amendments of 1976 (PL 94-482) gave them more specific responsibility by requiring that program improvement activities, including Section 131 (Research), Section 132 (Exemplary and Innovative), and Section 133 (Curriculum Development), be conducted through the RCUs. Supportive service activities such as Section 134 (Vocational Guidance and Counseling), Section 135 (Vocational Education Personnel Training), and Section 136 (Grants to Assist in Overcoming Sex Bias) may be managed by the RCU if the state chooses.

Projects included in this report were funded under Sections 131, 132, and 133 of the Education Amendments of 1976. Projects were intended to emphasize improvement of planning in using resources available for vocational education and manpower training; extending, improving, and where necessary, maintaining existing programs; developing new programs; overcoming sex discrimination and sex stereotyping; and providing part-time employment for needy youths. The three legislative sections are described below.

Section 131: Research. Funds may be used to support state RCUs and for contracts by RCUs for program improvement involving (1) applied research and development projects; (2) experimental, developmental, and pilot programs designed to test the effectiveness of research findings, including programs to overcome problems of sex bias and sex stereotyping; (3) improved curriculum materials for current programs and new materials for new and emerging job fields; (4) development of new careers and occupations in fields such as mental and physical health, crime prevention and correction, welfare, education, municipal services, child care, and recreation; (5) training and development projects designed to demonstrate improved methods of obtaining the cooperation of both public and private sectors to better coordinate and implement programs for employing persons in the fields described above; (6) evaluating programs relating to training and using public service aides; and (7) disseminating contract results locally. Contracts must result in improved teaching techniques or curriculum materials that will be used in a substantial number of classrooms or other learning situations within five years after contract termination.

Section 132: Exemplary and Innovative. Funds may be used for contracts for the support of exemplary and innovative programs, including (1) developing high quality vocational education programs for urban centers with high concentrations of economically disadvantaged, unskilled workers, and unemployed individuals; (2) developing training opportunities for persons in sparsely populated rural areas and individuals migrating from farms to urban areas; (3) providing effective vocational education for individuals with limited English speaking ability; (4) establishing cooperative arrangements between public education and manpower agencies designed to correlate vocational education oppportunities with current and projected labor market needs; (5) broadening occupational aspirations and opportunities for youth (with special emphasis given to youth who have academic, socioeconomic, or other handicaps), including programs and projects designed to familiarize elementary and secondary students with a broad range of occupations for which special skills are required and the requisites for careers in such occupations; and (6) facilitating participation of employers and labor organizations in postsecondary education.

Other provisions of Section 132 give priority to programs designed to reduce sex stereotyping in vocational education and provide for participation of students enrolled in nonprofit private schools. Annual program plans and accountability reports covering the final year of financial support by the state for these programs must indicate what will happen to the program after federal support is discontinued, and how promising programs will be continued and expanded within the state.

Section 133: Curriculum Development. Funds may be used for contracts for the support of curriculum development projects, including developing and disseminating vocational education curriculum materials for new and changing occupational fields and for individuals with special needs. Funds may be used also for contracts for developing guidance, curriculum, and testing materials and for support services designed to overcome sex bias, and to enable teachers to meet the needs of individuals enrolled in vocational education programs traditionally limited to members of the opposite sex. Contracts must result in improved teaching techniques or curriculum materials that will be used in a substantial number of classrooms or other learning situations within five years after contract termination.

Summary of FY 1979 Projects

The following matrix shows the number of projects conducted between July 1, 1978 and June 30, 1979 (FY 1979), and the total amount of funds expended by each state for research projects, exemplary and innovative projects, and curriculum development projects. Because these projects may receive funding from state and local sources as well as federal, refer to the note in individual resumes for the source and amount of other funding.

Expenditures for State-Administered Projects
Conducted During Fiscal Year 1979

STATE	Sec. 131 (Research)		Sec. 132 (Exemplary)		Sec. 133 (Curriculum)		TOTALS	
	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount
Alabama	–	–	9	88,701*	–	–	9	88,701*
Alaska	–	–	2	17,321	1	15,000	3	32,321
Arizona	7	74,000	3	29,500	6	58,500	16	162,000
Arkansas	5	47,636	6	97,201	–	–	11	144,837
California	6	263,321*	4	303,874*	5	147,765*	15	714,960*
Colorado	7	158,272*	2	24,423	2	85,000	11	267,695*
Connecticut	–	–	1	44,109*	–	–	1	44,109*
Delaware	–	–	1	3,600	1	38,000	2	41,600
District of Columbia	–	–	–	–	–	–	–	–
Florida	13	493,654	10	126,200*	7	349,000	30	968,854*
Georgia	4	181,636	–	–	2	57,997	6	239,633
Hawaii	–	–	3	25,410	3	16,500	6	41,910
Idaho	1	8,582	1	87,650*	–	–	2	96,232*
Illinois	28	1,050,985	27	1,182,007	14	344,681	69	2,577,673
Indiana	3	81,326*	6	185,531*	8	295,434*	17	562,291*
Iowa	11	202,113*	4	52,501*	24	233,085*	39	487,699*
Kansas	6	71,334	2	13,815	10	76,694	18	161,843
Kentucky	1	39,950*	3	57,025*	–	–	4	96,975
Louisiana	5	86,571	1	10,000	–	–	6	96,571
Maine	–	–	2	40,524	1	7,850	3	48,374

* Includes funding charged to fiscal years other than FY 1979.

Expenditures for State-Administered Projects
Conducted During Fiscal Year 1979

STATE	Sec. 131 (Research)		Sec. 132 (Exemplary)		Sec. 133 (Curriculum)		TOTALS	
	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount
Maryland	18	168,088*	18	193,656*	21	422,888	57	784,632*
Massachusetts	6	231,071	1	165,455	3	286,026	10	682,552
Michigan	3	99,000	1	55,000	2	255,000	6	409,000
Minnesota	10	251,360*	1	24,864	9	127,627	20	403,851*
Mississippi	2	136,918	–	–	1	335,662	3	472,580
Missouri	–	–	–	–	–	–	–	–
Montana	3	13,865	5	133,163	4	13,143	12	160,171
Nebraska	–	–	–	–	2	44,371	2	44,371
Nevada	–	–	–	–	7	42,998	7	42,998
New Hampshire	–	–	–	–	–	–	–	–
New Jersey	4	73,737	7	124,678	7	92,004	18	290,419
New Mexico	–	–	–	–	–	–	–	–
New York	15**	324,484	6	245,846*	21	374,708	42	1,445,038*
North Carolina	3	157,072	–	–	–	–	3	157,072
North Dakota	3	17,259	6	36,673	5	24,800	14	78,732
Ohio	–	–	45	1,375,331	–	–	45	1,375,331
Oklahoma	3	14,227	2	51,728	1	2,100	6	68,055
Oregon	4	18,679*	4	44,286*	6	56,449*	14	119,414*
Pennsylvania	12	283,727*	28	433,222*	32	386,987*	72	1,103,936*
Rhode Island	–	–	–	–	–	–	–	–

* Includes funding charged to fiscal years other than FY 1979.
** Includes three projects which did not require FY 1979 funding.

Expenditures for State-Administered Projects
Conducted During Fiscal Year 1979

STATE	Sec. 131 (Research)		Sec. 132 (Exemplary)		Sec. 133 (Curriculum)		TOTALS	
	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount
South Carolina	3	121,195*	–	–	–	–	3	121,195*
South Dakota	–	–	1	109,000	–	–	1	109,000
Tennessee	1	191,461*	13	392,297*	6	178,058*	20	689,816*
Texas	19	648,070*	30	948,760	11	1,231,057	60	2,827,887*
Utah	2	34,000	2	28,896	–	–	4	62,896
Vermont	5	62,185	4	45,719	1	3,800	10	111,704
Virginia	8	200,912	3	34,929	18	781,834	29	1,017,675
Washington	5	22,204	5	26,504	5	31,432	15	80,140
West Virginia	8	92,913	6	105,182	13	70,110*	27	268,205*
Wisconsin	9	86,888	2	90,004	23	305,421	34	482,313
Wyoming	1	10,000	6	22,400*	–	–	7	32,400
TOTALS	244	5,946,695	283	7,076,985	282	7,291,981	809	20,315,661

* Includes funding charged to fiscal years other than FY 1979.

USING THIS REPORT

Project descriptions identified and acquired through the cooperation of RCU directors are presented in Section I of the publication; Section II contains the subject index. Appendixes list the state directors of vocational education and RCU directors. Guidelines for preparing project resumes were adopted from the *ERIC Processing Manual,* and subject terms were selected from the *Thesaurus of ERIC Descriptors.* Each resume includes bibliographic information and a summary focusing on project objectives and procedures. The sample resume on page xviii provides an explanation of the terms used. Resumes are organized alphabetically by state; by section (131, 132, and 133) within each state; and alphabetically by project title within each section. Photocomposition services for this publication were provided by ORI, Inc., Information Systems Division, 4833 Rugby Avenue, Suite 303, Bethesda, Maryland 20014.

Related Reports

A companion report of projects administered by the Bureau of Occupational and Adult Education, U.S. Office of Education (BOAE/USOE) was published for FY 1976, 1977, and 1978. These reports are available from ERIC as ED 138 782, ED 151 611, and ED 173 622 respectively. For a historical record of vocational education programs supported by federal legislation in FY 1970-1977, readers are directed to a two-volume annotated bibliography. The first volume, *Research and Development Projects in Vocational Education, Fiscal Years 1970-1977, Federally Administered Projects,* published in January 1979 (ED 170 532), contains resumes of research projects, exemplary and innovative projects, curriculum development projects, and bilingual vocational training programs administered by the BOAE/USOE. The second volume, *Research and Development Projects in Vocational Education, Fiscal Years 1970-1977, State-Administered Projects,* published in January 1980, identifies research and exemplary programs administered by state departments of education. Additional related publications are listed on the inside back cover.

SAMPLE RESUME

ACCESSION NUMBER — **AR 79 0000**

PROJECT TITLE — **Survey of Emerging Vocational Level Jobs in Solar Energy Industries.**

DIRECTOR(S) — **Project Director:** Ward, Gary

CONTRACTING ORGANIZATION — **Organization:** Pittsburg State Univ., Kans.

ORGANIZATION ADDRESS — **Address:** Pittsburg, KS 66762

FUNDING PERIOD — **Funding Period:** Start Date 1 Jul 78; End Date 30 Jun 79

FISCAL YEAR FUNDING — **Fiscal Year Funding:** $9,682

EXPLANATORY NOTE — **Note:** This project also received $3,279 in local funds for FY 1979.

ADMINISTERING AGENCY — **Sponsoring Agency:** Kansas State Dept. of Education, Topeka

CONTRACT OR STATE CONTROL NUMBER — **Contract and/or Control No.:** 79-131-08

DESCRIPTORS—subject terms which indicate substantive content. Only major terms preceded by an asterisk are printed in the subject index. — **Descriptors:** Employment Opportunities, *Manpower Needs, *Solar Radiation, Data Collection, Information Dissemination, *Occupational Surveys, Curriculum Planning, *Employment Projections, *Labor Supply

IDENTIFIERS—additional identifying terms not found in the Thesaurus of ERIC Descriptors. — **Identifiers:** *Emerging Occupations

INFORMATIVE ABSTRACT —

The major objective of this proposal is to conduct an emerging occupations survey in the solar energy field. The subordinate objective is to relate any identified emerging jobs to the mission and capabilities of vocational education. The identification of emerging occupations will require a slightly different search design than a normal occupational supply and demand survey. An address list will be compiled. A review of the literature, a patent search, and industrial projections will be used to determine the state of the art. A survey will be designed to collect data. The results of the project will be printed and disseminated. By identifying, in numerical quantities, the emerging occupations at the vocational level in solar industries, information for curriculum planning, documentation for budget planning, information for teacher training and inservice training, and counseling information will be obtained.

SECTION I.
PROJECT RESUMES

ALABAMA

Exemplary and Innovative (Sec. 132)

AR 79 0001

Developing a Multi-Exit Training Program for Special Needs Students.
Project Director: Stripling, Max E.
Organization: LaDow Area Vocational Center, Carrollton, Ala.
Address: Carrollton, AL
Descriptors: Auto Mechanics, *Disadvantaged Youth, *Handicapped Students, *Mainstreaming, *Performance Based Education, *Preservice Education, Program Evaluation, Program Planning, Student Placement, Teacher Developed Materials
Identifiers: *Open Exit
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,900 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery

This project will develop a model program for a multi-exit, performance-based instruction (PBI) program which will meet the special needs of disadvantaged and handicapped students and serve as a reference point for other teachers in developing a PBI program for special needs students in their own areas. To this end, (1) preservice workshops on mainstreaming and planning special needs programs will be held to foster awareness among all vocational faculty of the uniqueness of special needs students and to develop instructors' ability to develop security, understanding, and skill in their work with these students; (2) the small motors instructor will develop a sequenced, task-oriented, multi-exit instructional program for special needs students using PBI materials; and (3) a plan for testing the validity of the PBI program for special needs students will be developed by assessing participant employability and job success. The project hopes to improve the placement of terminal special needs students by twenty-five to fifty percent. Consultants will assist the small motors instructor and orient other staff. Special equipment will be purchased and used.

AR 79 0002

Dissemination of Occupational Information.
Project Director: Wilson, Linda C.
Organization: Enterprise State Junior Coll., Ala.
Address: Enterprise, AL
Descriptors: *Educational Needs, *High School Students, *Information Dissemination, *Occupational Information, *Program Development, Senior High Schools, Sex Discrimination, *Sex Fairness, Sex Stereotypes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-034

A transferable model will be developed in this project to provide high school students in the Enterprise State Junior College area with accurate, up-to-date, and sex-bias-free occupational information. Project objectives include (1) designing and implementing programs for dissemination of occupational information based on the needs of each high school and through which students will become familiar with or develop skills relative to choosing a job, evaluating job market data, and assessing their interests, aptitudes, job hunting skills, and the job requirements for various occupations; (2) reviewing sources of occupational information used in the project for sex bias and taking corrective action to eliminate it; and (3) publishing an operations manual describing processes, materials, and outcome of the project and disseminating it to other junior colleges in the state. Orientation will be provided to participating principals, counselors, and class sponsors.

AR 79 0003

Effective Vocational Training Procedures for Educable Mentally Retarded (EMR) Students.
Project Director: Carter, Robert
Organization: Jefferson County Board of Education, Birmingham, Ala.
Address: Birmingham, AL
Descriptors: *Changing Attitudes, Curriculum Development, *Educable Mentally Handicapped, Handicapped Students, *Instructional Materials, Special Education Teachers, *Teacher Attitudes, Teacher Developed Materials, *Teacher Workshops, *Training Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-035

Effective vocational training procedures for EMR students will be developed in this project. A standardized pre/posttest instrument will be used to measure vocational teachers' development of positive attitudes toward acceptance of EMR students. Special education teachers and vocational teachers will work together in a two-and-a-half-week summer workshop to develop vocational curriculum materials for EMR students, including activities for assessing students' potential for successful vocational experiences. Procedures and materials developed will be made available to all vocational teachers in the Jefferson County school system.

AR 79 0004

Informational Statistics.
Project Director: Palmer, Earnest L.
Organization: Green County Board of Education, Eutaw, Ala.
Address: Eutaw, AL
Descriptors: Career Education, Curriculum Development, Fused Curriculum, Grade 11, Grade 12, *Inservice Teacher Education, *Learning Modules, *Occupational Information, Secondary Education, *Senior High Schools, *Student Organizations, Student Participation, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-039

A one-week pre-school workshop will be held to develop a series of instructional modules to infuse vocational information into the ongoing curricula in two high schools. A series of six inservice sessions will be conducted during the school year, and vocational clubs or other interest groups will be established for participating students. All juniors and seniors will spend at least one day in a work experience setting of their choice.

AR 79 0005

Inservice Training Program for Vocational Educators Serving the Handicapped.
Project Director: O'Shields, Donna
Organization: Gadsden City Schools, Ala.
Address: Gadsden, AL
Descriptors: Behavioral Objectives, Curriculum Development, *Educational Strategies, *Handicapped Students, *Individualized Instruction, *Inservice Teacher Education, Instructional Design, Needs Assessment, Secondary Education, *Student Evaluation, Student Needs, Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-033

Vocational teachers will be trained in this project to (1) assess the needs of handicapped students in vocational education, (2) develop objectives and instructional priorities for the vocational portion of the individualized education plan (IEP), (3) implement appropriate instructional strategies by making programmatic modifications in curriculum, methodology, and other areas, (4) explain the modified program for handicapped students to parents, administrators, and others, and (5) evaluate the handicapped learner's progress. Five pre-school workshops will be conducted, inservice workshops will be held during the school year to provide additional support, and vocational teachers will meet in monthly IEP sessions. A manual suitable for training other vocational teachers in meeting the needs of handicapped students will be developed.

AR 79 0006

Occupations Unlimited for Vocational Students.
Project Director: Wilbanks, Tommy
Organization: Northeast Alabama State Junior Coll., Rainsville, Ala.
Address: Rainsville, AL
Descriptors: *Communication Skills, Economically Disadvantaged, Educational Coordination, *Individualized Instruction, *Mathematics, *Needs Assessment, Postsecondary Education, Program Coordination, Program Evaluation, Socially Disadvantaged, *Student Evaluation, *Student Needs, Student Recruitment, Success Factors, Tutorial Programs

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-041

In an effort to improve the math and communications skills of students enrolled in vocational education, aid students in realizing greater success in vocational programs, and improve the social and economic advantages of students enrolled in the program, this project will (1) ascertain the needs of vocational education students through guidance counselors, dean of instruction, dean of students, and individual counseling of students, (2) recruit students for math and communication skills during pre-registration into vocational programs, (3) coordinate communications and math instruction with the programs of vocational instructors, (4) identify objectives and establish time tables for accomplishment, (5) conduct interviews with each student to plan individualized instructional/tutorial programs, and (6) conduct quarterly evaluation of program procedures and student progress. A detailed program description will be developed of the process and the accomplishments.

AR 79 0007

Vocational Education Handicapped Awareness Program.
Project Director: Kincaid, Bernard
Organization: Alabama Univ., Birmingham
Address: Birmingham, AL 35294
Descriptors: College Teachers, *Counselors, *Handicapped Students, *Information Dissemination, Inservice Programs, Organizational Communication, Postsecondary Education, *Staff Orientation, *Student Problems, Technical Institutes, *Vocational Education Teachers, Vocational Rehabilitation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,801 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-040

Three regional two-day workshops will be conducted to orient a cadre of counselors and teachers from each of Alabama's technical institutes and colleges to various disabilities and their related psychological, sociological, functional, and vocational implications. The participants will be provided with materials to disseminate to other counselors and teachers at their respective institutions through inservice training programs. The project is intended to improve the communication between counselors and teachers in Alabama's technical institutes and colleges and vocational rehabilitation counselors.

AR 79 0008

Vocational Evaluation and Exploration for Eighth and Ninth Grade Educable Mentally Retarded (EMR) Students.
Project Director: Martin, George A.
Organization: Phenix City Board of Education, Ala.
Address: Phenix City, AL
Descriptors: Career Education, *Career Exploration, *Educable Mentally Handicapped, Grade 8, Grade 9, Junior High Schools, *Junior High School Students, *Sex Fairness, Sex Stereotypes, *Student Evaluation, Student Projects, Teacher Developed Materials, *Vocational Aptitude
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-032

This project will analyze the vocational interests and aptitudes of eighth and ninth grade EMR students so that appropriate vocational counseling and assistance in program selection can be provided to them when they enter the tenth grade. This objective will be accomplished by (1) requiring all EMR students in grades eight and nine to complete vocational evaluations, complete a minimum of four exploratory courses, perform hands-on activities related to the exploratory courses, and develop projects related to occupational clusters; (2) requiring teachers to maintain an evaluation file for each student; and (3) designing activities and resources to promote the dissolution of sex-role stereotyping such as having students develop bulletin boards depicting workers in nontraditional sex roles. The project will utilize career education materials.

AR 79 0009

Vocational Technical Articulation Project.
Project Director: Payne, Charles L.
Organization: Bessemer State Technical Coll., Ala.
Address: Bessemer, AL
Descriptors: *Articulation (Program), *Counseling Programs, Curriculum Development, Interinstitutional Cooperation, Models, *Performance Based Education, Postsecondary Education, *Program Development, Secondary Education, Student Evaluation, Student Problems, *Student Recruitment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Alabama State Dept. of Education, Montgomery
Contract and/or Control No.: AL-RD2-A8-036

Utilizing secondary and postsecondary personnel at the local, state, and regional levels, this project will develop a vertical articulation model to fit the Alabama system of vocational-technical training. In addition to the model, the project will (1) develop curriculum for seven secondary and postsecondary programs to minimize duplication of courses, (2) establish a coordinating counseling program relating to articulation, (3) establish a student appraisal system based upon competency levels of acquired skills using the V-TECS tasks, and (4) establish a direct communication between secondary and postsecondary institutions for faculty members, counselors, and administrators in order to improve handling the problems of students who desire to continue their vocational training at the postsecondary level. Joint committees will be established among educational institutions and employer advisers, and a plan of recruitment at all levels established and coordinated.

ALASKA

Exemplary and Innovative (Sec. 132)

AR 79 0010

Planning a Vocational Program and Delivery System for Small Schools.
Project Director: Weinstein, Robert
Organization: Southeast Island School District, Ketchikan, Alaska
Address: Ketchikan, AK
Descriptors: *Career Awareness, Curriculum Development, *Delivery Systems, Elementary Secondary Education, High Schools, *Program Development, *Program Evaluation, *Rural Schools, Secondary School Students, *Small Schools, Surveys
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,000
Sponsoring Agency: Alaska State Dept. of Education, Juneau
Contract and/or Control No.: V94408 (4208-79)

A vocational program and delivery system for small high schools will be developed and implemented. The program and delivery system will then be evaluated in terms of the program goals and course objectives. The project will prepare and conduct community and secondary student surveys and development program and class goals and objectives. It is expected that elements of the program, especially the career and occupational awareness portions, will be adapted to programs for grades 1-8. The district will be able to use the rural school program and curriculum implementation process to develop a district-wide elementary curriculum.

AR 79 0011

Student Exchange Program.
Project Director: Brown, Walter
Organization: Western Regional Resource Center, Anchorage, Alaska
Address: Anchorage, AK
Descriptors: *Career Education, Data Collection, Interinstitutional Cooperation, *Program Development, *Resource Centers, *Skill Development, *Student Exchange Programs
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $5,321
Sponsoring Agency: Alaska State Dept. of Education, Juneau
Contract and/or Control No.: V95616 (6616-79)

The project seeks to design a process model for districts which lack adequate facilities or teaching staff to furnish career awareness activities and intermediate skill training for their students. Each district will enter into a receiving-/sending relationship with another district which can provide these services. The Western Regional Resource Center will gather information from the schools in the western region for use in developing the process. The student exchange process developed in this project could be utilized by any school district in the state desiring to cooperate with another school district in career awareness development and intermediate skill training.

Curriculum Development (Sec. 133)

AR 79 0012

Vocational Education Evaluation Model.
Project Director: Knapp, Jack
Organization: Southcentral Regional Resource Center, Anchorage, Alaska
Address: Anchorage, AK
Descriptors: Administrative Personnel, Decision Making, Educational Programs, *Evaluation Criteria, *Evaluation Methods, Formative Evaluation, Information Dissemination, *Program Evaluation
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Alaska State Dept. of Education, Juneau
Contract and/or Control No.: V98211 (6611-79)

A validated set of criteria, tested instrumentation, and process will be derived from this project as will current and pertinent data, which will be available to local and state decision makers. Additionally, some local administrators will be oriented and trained to evaluate local vocational programs. The project aims to develop and field test evaluative criteria, instrumentation, and a process that can be used for evaluating vocational education programs in Alaska. To do so, the project will identify, produce, field test, and revise the criteria, instrumentation, and process and train local administrators in using them for local program evaluation. A task force will be formed for the project.

ARIZONA

Research (Sec. 131)

AR 79 0013

Improvements of Cooperative Education at the Community College Level.
Project Director: Dorr, Eugene L.
Organization: State Board of Directors for Community Coll. of Ariz., Phoenix
Address: 1535 West Jefferson, Suite 123, Phoenix, AZ 85007
Descriptors: *Academic Standards, College Credits, *Community Colleges, *Cooperative Education, Cost Effectiveness, Postsecondary Education, Program Improvement, *State Standards
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

A research project will be conducted to improve and clarify cooperative education curricula offered by community colleges in Arizona. Project activities will include inventorying the kinds of cooperative education and determining the various levels at which the courses are taught, methods of delivery, and semester hours of credit assigned to the courses; developing a glossary of common terminology; classifying courses as either skills application or skills development; recommending more efficient methods of delivery; developing a standard procedure for assigning semester hours of credit; and recommending methods to improve phasing on-the-job experiences with related vocational education classes.

AR 79 0014

Instructional Strategies for Serving Special Populations.
Project Director: Rader, M.; Metha, A.
Organization: Arizona State Univ., Tempe
Address: Tempe, AZ 85281
Descriptors: Curriculum Development, *Curriculum Guides, Educational Resources, *Instructional Materials, *Instructional Programs, *Program Development, *Program Guides, Senior High Schools
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Designed to meet the need to increase the participation of, and improve services to, special populations in vocational education programs in Arizona, this project will provide vocational education classroom teachers with the information and skills needed to modify instructional plans and materials for serving special populations, and prepare a comprehensive curriculum guide to assist vocational education teachers in modifying their instructional plans and procedures for serving special populations. A three-day workshop on strategies for serving special populations in the various vocational education disciplines will be conducted for thirty teachers from the various disciplines to develop a comprehensive curriculum guide, "Instructional Strategies for Dealing with Special Populations in Vocational Education." The guide will be disseminated to participating teachers and other key vocational education personnel.

AR 79 0015

Multidisciplinary Continuing Education for the Rural Health Care Centers of Southeastern Arizona.
Project Director: Cumiskey, Carol
Organization: Pima County Community Coll. District, Ariz.
Address: 2202 West Anklam Road, Tucson, AZ 85709
Descriptors: Access to Education, *Continuing Education Centers, *Curriculum Design, Curriculum Development, Disease Control, *Health Personnel, Interdisciplinary Approach, Nursing, Patients (Persons), *Professional Continuing Education, Radiologic Technologists, *Regional Programs, *Rural Areas, Team Teaching
Identifiers: Respiratory Therapists
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

In order to increase the flexibility and accessibility of vocational education so that more individuals can be served, project staff will (1) establish regional centers to serve as loci for a pilot project to deliver multidisciplinary continuing education to rural health care providers; (2) develop curriculum needed within the disciplines of nursing, radiologic technology, and respiratory therapy in the areas of infection control and patient education designed to address multiple levels of health care providers; and (3) obtain curricula approval by the Educational Services Committee of the Pima County Community College District. The project staff will work with the regional health care administrators to define needs and develop the curricula. Each discipline facilitator will prepare curricula for infection control and patient education in their area of expertise. The project director will control consistency of curriculum design. Curricula will be mailed to regional representatives for their review, revision, and ultimate acceptance. The State Department of Education will receive curricula that have been designed for defined rural health care areas that meet the content requirements of the North Central Association of Colleges and Secondary Schools.

AR 79 0016

New and Emerging Occupations.
Project Director: Langen, H. J.
Organization: Arizona Univ., Tucson
Address: Tucson, AZ 85721
Descriptors: *Annotated Bibliographies, Data Collection, *Educational Needs, *Educational Planning, *Employment Projections, Geographic Distribution, Information Dissemination, *Information Networks, Postsecondary Education, School Industry Relationship, Secondary Education
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

In conducting a study to identify new and emerging occupations and ascertain the effects upon future Arizona vocational program needs, project staff will (1) involve, with the assistance of an advisory committee, approximately 100 Arizona leaders in agriculture, business, and industry in the identification of new and emerging occupations for which there are as yet no public training programs; (2) prepare an annotated bibliography of literature pertinent to this study; (3) assess, on a geographic basis, the implications of these new and emerging occupations for secondary and postsecondary vocational and technical programs; and (4) establish a communications network to disseminate the data collection. Administrative arrangements facilitating this study will be made within the University of Arizona and communication and consultation will be maintained with the Research Coordinating Unit at the Arizona Department of Education. One thousand copies of an abstract of the final report will be distributed to the established communications network.

AR 79 0017

Nursing Program Articulation.
Project Director: Custer, Betty
Organization: Maricopa Technical Community Coll., Phoenix, Ariz.
Address: 106 East Washington Street, Phoenix, AZ 85004
Descriptors: *Academic Standards, Admission Criteria, *Articulation (Program), Career Ladders, College School Cooperation, Educational Counseling, Inservice Teacher Education, Job Skills, *Learning Modules, *Nursing, Occupational Guidance, *Performance Based Education, Postsecondary Education, Program Evaluation, *Resource Materials, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

An instructional plan for achieving articulation between secondary and postsecondary vocational education in the area of nursing will be developed. Resource materials and related information will be provided in quantity to facilitate a clear understanding of the entry-level competencies with emphasis on mathematics, anatomy and physiology, and basic pathophysiology. Joint inservice learning programs will be implemented for institutional personnel emphasizing the use of the materials and the specific understanding of the nursing programs at both high school and post-high school levels. Graduates of the nursing curriculum at Phoenix Union High School District will be supported through information and counseling as they seek to gain admission to or advanced placement in the nursing program at Maricopa Technical Community College and in maintaining the standards required for certification. Nursing staff will organize materials provided by the project into entry knowledge packets which will include tracking the choices involved in aspirants' upward mobility in nursing, competencies expected, standards to be maintained, and resources and aids available for achieving such goals. Nursing staff and counselors will study and practice using and applying the materials to ensure access by nursing program students throughout the schools and the

college. An evaluation will be conducted which will include the responses of students, counselors, nursing faculty, and administrators at both institutions.

AR 79 0018

Program Improvement.
Project Director: Raudebaugh, Robert A.
Organization: Tempe Union High School District 213, Arizona
Address: 500 West Guadalupe Road, Tempe, AZ 85283
Descriptors: *Career Development, Data Collection, *Followup Studies, Grade 9, *Guidance Counseling, *Individualized Instruction, *Job Placement, *Learning Modules, Program Development, Program Guides, Secondary Education, Senior High Schools, Student Ability, Student Interests
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

After project staff plan and develop a guidance and counseling service for students in grades 9-12 that includes an organized placement and follow-up function, the counselors at each school in the district will develop an individual implementation plan for that school. The program will be based on a common set of learner outcomes and student services in career, personal and social awareness, exploration, and preparation which follows a logical pupil growth pattern. These will be managed through individualized education plans (IEPs) and will be culminated in a placement service. Both student and employer or institution follow-ups will be conducted to provide data for program improvement. The products resulting from this project will be a career development program with activities packets for specified outcomes, an IEP format and student guide, a placement guide, a follow-up survey and guide, and an implementation guide which allows maximum flexibility for implementation in a variety of school situations.

AR 79 0019

Program Improvement RFP.
Project Director: Raudebaugh, Robert A.
Organization: Tempe Union High School District 213, Ariz.
Address: 500 West Guadalupe Road, Tempe, AZ 85283
Descriptors: *Autoinstructional Aids, Cabinetmaking, Drafting, *Individualized Instruction, *Industrial Education, Instructional Materials, Instructional Media, Machinists, *Performance Based Education, *Program Development, Task Analysis, Welding
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Individualized, student-managed, competency-based vocational programs will be developed for the areas of cabinetmaking, machinist, drafting, and construction drafting and implemented in existing industrial education facilities on an open entry/open exit basis. Program directories will be provided for student use and include a sequential listing of all competencies required for each proficiency, self-instruction materials and media for instruction on each competency, and a performance evaluation for each competency. The directory and instructional materials produced by the project may be duplicated by interested schools.

Exemplary and Innovative (Sec. 132)

AR 79 0020

Instructional Program for Entrepreneurship.
Project Director: Rowe, Ken; Hutt, Roger
Organization: Arizona State Univ., Tempe
Address: Tempe, AZ 85281
Descriptors: Curriculum Development, *Curriculum Guides, Educational Resources, *Instructional Materials, *Instructional Programs, *Program Development, *Program Guides, Senior High Schools
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $11,500
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

A comprehensive instructional guide for entrepreneurship will be developed to include detailed guidelines for implementing the program in secondary schools, an overview of the instructional approach, detailed specifications regarding human and fiscal resources necessary, an outline of topics and subject matter to be covered, and a complete set of all curriculum materials. An advisory committee will be formed to ensure that the entrepreneurship course is applicable to all vocational educational program areas. Curriculum and related materials will be prepared by the codirector with the assistance of consultants and with input from the advisory committee. Certain materials will be pilot tested in selected high school classrooms.

AR 79 0021

Interdisciplinary Career Exploration Project.
Project Director: Barkley, Margaret
Organization: Arizona State Univ., Tempe
Address: Tempe, AZ 85281
Descriptors: *Career Exploration, Curriculum Development, Decision Making Skills, *Delivery Systems, Feasibility Studies, Formative Evaluation, Grade 10, Information Dissemination, *Interdisciplinary Approach, Junior High Schools, *Learning Modules, *Resource Materials, Secondary Education, Sex Fairness, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

An interdisciplinary career exploration curriculum built around the hospitality cluster which has the possibility of being field tested and implemented in a class offered to seventh, eighth, ninth, and tenth grade students will be developed. Project staff will (1) conduct interviews in ten school districts to assess the feasibility of field testing the model for interdisciplinary career exploration; (2) review 100 resource materials related to the hospitality industry from ERIC, AIM/ARM, and Resources in Vocational Education; (3) obtain at least fifty resources for workshop teachers interested in the hospitality industry; (4) hold a two- to three-week workshop for at least ten teachers from various occupational areas during which time at least ten modules will be developed for use in an interdisciplinary career exploration class; and (5) produce two curriculum models with accompanying materials for field testing and dissemination. The developed delivery system will address the development of career decision making skills, overcoming occupational sex stereotyping, and incorporation of on-the-job exposure experiences to supplement classroom learning.

AR 79 0022

Quick Start-Up Vocational Training Programs.
Project Director: Langen, H. J.; Thomas, Violet S.
Organization: Arizona Univ., Tucson
Address: Tucson, AZ 85721
Descriptors: *Curriculum Planning, *Educational Programs, *Educational Research, *Educational Strategies, *Job Training, Needs Assessment, *Program Descriptions
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

The intent of this project is to conduct a study to identify the most successful strategies presently being employed in the United States for implementing "Quick Start-Up" vocational training programs for specific industries. A search of ERIC will be made to determine where successful "Quick Start-up" vocational training programs have been implemented, and selected Skill Centers nationwide will be surveyed to determine their strategies in implementing these programs. Interviews with the Chamber of Commerce and business-based groups will be conducted to determine which new industries are planning Arizona operations. Project staff will prepare a special report which will describe the five most successful "Quick Start-Up" programs presently being implemented in the United States; document the human, fiscal, and material resources needed by the State Educational Agency to implement each of the five programs; identify, by major Arizona metropolitan areas, specific industries which should be considered as target need areas; and recommend and justify any of the five programs which would be most effective in Arizona.

Curriculum Development (Sec. 133)

AR 79 0023

Arizona Skills Curriculum Project-Auto Body.
Project Director: Andrews, Linda
Organization: Pima County Community Coll. District, Ariz.
Address: 2202 West Anklam Road, Tucson, AZ 85701
Descriptors: *Auto Body Repairmen, *Individualized Instruction, *Job Skills, *Learning Modules, Performance Based Education, *Program Evaluation, Sex Discrimination, Skill Development, Teacher Participation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Staff from the Tucson Skill Center and Maricopa County Skill Center, working together in this project, will develop ten auto body repair and paint individualized learning packets, contract for printing and graphic services and deliver copies to the Arizona Department of Education. Curriculum staff will edit for sex bias and stereotyping. Project evaluation will be conducted by an outside committee. The use of the individualized learning packets have proved to be an effective instructional method in teaching entry-level skills to students who have special needs. Two hundred copies of each packet will be produced for use at Maricopa County Skill Center and Tucson Skill Center; sixty-five

copies will be reproduced and delivered to Arizona Department of Education, the Research Coordinating Unit, and the director of technical and industrial education.

AR 79 0024

Competency-Based Educational Revision.
Project Director: Jackson, Ginger
Organization: Cochise Coll., Douglas, Ariz.
Address: Douglas, AZ 85607
Descriptors: Clinical Experience, Curriculum Development, *Curriculum Evaluation, Learning Experience, *Learning Modules, Models, *Nursing, *Pediatrics Training, *Performance Based Education, Postsecondary Education, Program Development, *Rural Areas, School Community Cooperation, Teacher Developed Materials
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

A competency-based pediatric educational experience for sophomore nursing students will be implemented and evaluated to provide a model for medical-surgical curriculum revision and, ultimately, a restyling of the nursing program. Faculty will solicit and discuss the plans for modification of the curriculum with cooperating agencies and potential employers of persons completing the program and plan curriculum and evaluation tools with assistance of qualified consultants; the planned objectives will be implemented by persons with appropriate theoretical expertise. In addition to the competency-based pediatric modules, a curriculum philosophy modification toward total use of competency-based education in a rural nursing program will be produced.

AR 79 0025

Cooperative Fashion Merchandising Program for High Schools and Community Colleges.
Project Director: Trotter, Francine; Holt, Fran
Organization: Pima Community Coll., Tucson, Ariz.
Address: Tucson, AZ 85709
Descriptors: *Articulation (Program), College School Cooperation, Community Colleges, *Cooperative Programs, *Distributive Education, *Fashion Industry, Instructional Programs, *Merchandising, Postsecondary Education, *Program Development, Senior High Schools, Teacher Participation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

To develop an instructional plan for achieving articulation between secondary and postsecondary vocational education for either a specific or multi-occupational area, project staff will design a cooperative fashion merchandising plan which determines the knowledge, skills, and attitudes necessary on each level for successful articulation between high school senior distributive education students and two-year community college students. This plan will be jointly developed and administered by project directors with the assistance of an advisory committee, University of Arizona curriculum specialists, and fashion merchandising instructors and is expected to meet the needs of twenty students who have shown interest in the fashion merchandising occupational area.

AR 79 0026

Distributive Education Curriculum Project–Phase III.
Project Director: Langen, H. J.
Organization: Arizona Univ., Tucson
Address: Tucson, AZ 85721
Descriptors: *Curriculum Guides, *Distributive Education, *Educational Resources, *Information Dissemination, Program Evaluation, School Surveys, Secondary Education, *Synthesis, Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

A document, "Arizona Distributive Education Curriculum Synthesis," will be produced to improve the efficiency of using existing Arizona curriculum guides by cross referencing and synthesizing them. The document will be compiled by (1) selecting and identifying the initial curriculum to be used; (2) designing and using a mail survey to collect information on Arizona secondary distributive education teacher curriculum usage; (3) developing a preliminary curriculum synthesis working model; (4) conducting a workshop for teacher evaluation of the working model; (5) conducting in-depth interviews; and (6) reviewing, restructuring, expanding, and printing the document. Project staff will conduct a workshop to disseminate the curriculum synthesis. Project activities and the achievement of project goals and objectives will be evaluated.

AR 79 0027

Revised Curriculum for Criminal Justice Education.
Project Director: Dorr, Gene L.
Organization: Community Colleges of Ariz., Phoenix. State Board of Directors
Address: 1535 West Jefferson, Suite 123, Phoenix, AZ 85007
Descriptors: Ability Identification, *College Credits, Community Colleges, *Core Curriculum, Educational Objectives, Interinstitutional Cooperation, *Law Enforcement, *Performance Based Education, Postsecondary Education, *Transfer Policy
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

The objectives of this curriculum development project are to (1) revise existing law enforcement curricula into a competency-based core curriculum which will be recognized by Arizona law enforcement agencies and community colleges and which will be transferable to Arizona universities and (2) develop an inventory of related competencies and skills that reflects the learning objectives found in the core curriculum. A booklet will be published containing a core curriculum of law enforcement courses at the community college level along with an inventory of competencies and skills relating to the courses in the curriculum. The booklet will also contain a summary of courses which are secured by agreement between the Arizona community colleges and universities relative to transfer credits.

AR 79 0028

Revised Curriculum for Fire Science Education.
Project Director: Dorr, Eugene L.
Organization: Community Colleges of Ariz., Phoenix. State Board of Directors
Address: 1535 West Jefferson, Suite 123, Phoenix, AZ 85007
Descriptors: *College Credits, Core Curriculum, *Fire Science Education, *Instructional Materials, Job Skills, Junior Colleges, *Performance Based Education, Postsecondary Education, *Standards, *Transfer Policy
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,000
Sponsoring Agency: Arizona State Dept. of Education, Phoenix

Project staff will develop, adapt, and revise the existing fire science curriculum in Arizona's community colleges. Activities will include (1) determining existing fire science curricula in Arizona's community colleges; (2) adapting the standards set forth by the National Fire Prevention Association to current curricula so that a core curriculum of nationally recognized fire science courses will result; (3) determining skills and competencies associated with the core curriculum; and (4) evaluating the results and securing a common agreement from Arizona's community colleges and the fire services in Arizona with regard to its validity. The project will result in a published booklet containing a core curriculum for fire science courses with an inventory of the related skills and competencies. The booklet will also contain a summary of courses where a common agreement, as to transferability, has been reached between the Arizona community colleges and the Arizona universities.

ARKANSAS

Research (Sec. 131)

AR 79 0029

Changing Perspective of Nontraditional Career Training in Vocational Education.
Project Director: Ross, Charles
Organization: Jonesboro Area Vocational Technical School, Ark.
Address: Jonesboro, AR 72401
Descriptors: Administrative Personnel, Career Choice, *Career Opportunities, *Changing Attitudes, Counselors, Equal Opportunities (Jobs), *Inservice Programs, Manpower Needs, *Nontraditional Occupations, Nontraditional Students, *Occupational Information, Secondary Education, Sex Discrimination, *Sex Stereotypes, Staff Improvement, Student Participation
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 80
Fiscal Year Funding: $14,275
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: R79-02B (3203)

An approach to the prevention of sex-role stereotyping in high school vocational education programs will result from this project. A twenty-hour inservice staff training program dealing with sex-role stereotyping and its effects on career choices will be scheduled for vocational teachers, counselors, and selected administrators; vocational students will participate in activities designed to increase student awareness concerning career opportunities for nontraditional employees; and a survey of the employment needs of the community will be conducted. A pamphlet listing vital employment information will then be compiled and distributed. It is expected that vocational staff members will use methods learned in the project to alter their career exploration programs. Nontraditional student participation will be encouraged, and students will learn about career opportunities in nontraditional fields.

AR 79 0030

Coordinated Career Education Curriculum Project.
Project Director: Arn, Joseph
Organization: Central Arkansas Univ., Conway
Address: Conway, AR 72032
Descriptors: *Career Education, *Cooperative Education, Curriculum Development, *Curriculum Guides, *Disadvantaged Youth, Educational Accountability, Educational Objectives, Educational Opportunities, *Handicapped Students, Instructional Materials, *Performance Based Education, Program Coordination, School Community Cooperation
Funding Period: Start Date 1 Mar 79; End Date 31 Dec 80
Fiscal Year Funding: $7,317
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: R79-03 (3217)

A coordinated career education guide for a performance based-curriculum will be developed to enable teachers to prepare handicapped and disadvantaged students for the world of work. Accountability will be included in the cooperative education process of educating target group students through work experience. Performance-based materials, teacher strategies and media will be developed for the curriculum. Cooperative planning will be implemented between the business community and education, field tests will be conducted, materials will be disseminated, and inservice training in using the materials will be provided.

AR 79 0031

Developing and Providing Multipurpose Employability Services and Supportive Environments for Displaced Homemakers and Related Groups.
Project Director: Davis, Reba J.
Organization: Arkansas Univ., Fayetteville
Address: Fayetteville, AR 72701
Descriptors: Adult Programs, *Ancillary Services, Home Economics Teachers, Inservice Programs, Job Skills, Job Training, *Needs Assessment, *Nontraditional Students, Site Development, *Special Services, *Student Recruitment
Identifiers: *Displaced Homemakers
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 80
Fiscal Year Funding: $4,671
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: R79-04 (3074)

A transferable model for providing multipurpose services and supportive environment to meet the needs of displaced homemakers and related groups in Arkansas will be developed in this project. A state-wide needs assessment will be conducted; strategies will be designed and linkage sites established for providing special services needed for the target groups. Courses in pre-employability and personal resource management will be developed and refined. Inservice education activities for home economics teachers will be planned to increase recruiting, counseling, and other skills for servicing the special needs of the target groups, which are expected to be in home economics related occupations, and for developing and implementing special adult courses.

AR 79 0032

Nontraditional Career Opportunities.
Project Director: Dillinger, Rellia
Organization: El Dorado Public Schools, Ark.
Address: El Dorado, AR 71730
Descriptors: *Career Opportunities, Data Collection, Equal Education, *Equal Opportunities (Jobs), Instructional Materials, *Job Training, *Nontraditional Occupations, Occupational Information, School Community Cooperation, *Sex Discrimination, *Sex Stereotypes, Teaching Methods
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $19,673
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: R79-02 (2976)

To effect an expansion and articulation of nontraditional careers in different areas of the community, nontraditional career training and opportunities available in the business and industrial community will be identified, and data, materials, and strategies for promoting these nontraditional careers will be developed. The El Dorado Schools will work with the business community. Three major industrial business communities will be evaluated, assessed, and analyzed and information will be finalized for diffusion of existing factors regarding nontraditional training and employment. The business and industry community will be made aware of sex-role stereotyping and nontraditional career factors present in their area; transportable group presentation materials on nontraditional careers will be developed; and a listing of available presentations from the business and industry community will be published for use by local teachers, civic groups, and government agencies. A closer linkage between educational institutions and the community is expected to result from the project.

AR 79 0033

Utilizing Professional Counseling Services to Reduce the Dropout Rate in Postsecondary Vocational Technical Education (Continuation).
Project Director: Lieblong, Burl
Organization: Crowley's Ridge Vocational Technical School, Forrest City, Ark.
Address: Forrest City, AR
Descriptors: *Counseling Services, *Dropout Prevention, Dropout Programs, *Dropout Rate, Educational Programs, Evaluation Criteria, *Postsecondary Education, *Staff Improvement, Student Ability, Student Needs, Student Problems, *Success Factors
Funding Period: Start Date 1 Aug 76; End Date 30 Aug 78
Fiscal Year Funding: $1,700
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: C7782

To reduce the overall dropout rate of students in the three participating schools, this project will identify potential early school leavers in vocational technical schools and endeavor to minimize or eliminate difficulties that prevent these students from succeeding in an occupational training program. A preassessment module will be developed and efforts made to improve staff competencies in identifying and dealing with student problems. Professional counseling service will be made available on a weekly basis at each of the three participating schools to work with staff and students. It is anticipated that this project will provide a systematic design for identifying student needs which impede their success in occupational programs, a workable plan to enhance student ability and progress, and a staff with increased skills in meeting student needs to minimize the dropout rate.

Exemplary and Innovative (Sec. 132)

AR 79 0034

Broadening Occupational Aspirations and Opportunities for Youth (Continuation).
Project Director: Taylor, Martha
Organization: Little Rock School District, Ark.
Address: Little Rock, AR 72201
Descriptors: Area Vocational Schools, *Career Awareness, Career Planning, *Disadvantaged Youth, *Dropout Prevention, Elementary Secondary Education, Equal Education, Experiential Learning, *Job Placement, Job Skills, *Occupational Guidance, Occupational Information, Student Placement, *Student Recruitment, Work Attitudes
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79
Fiscal Year Funding: $11,747
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: D7631 (3394)

A student recruiting specialist will assist in promoting student enrollment in vocational technical education programs, thus establishing a model for student recruitment procedures. Job placement and counseling services will be offered to disadvantaged students who are potential dropouts. The career guidance components of the project include the development of materials and information for course selection and student placement at the secondary school level. Group and individual counseling will be offered with emphasis on minority groups and equity for all. To increase students' understanding of the nature of work, career experiences will include hands-on activities, guided tours, skills demonstrations, and shadowing. Career planning and job search methods will be considered and occupational information offered. For students, grades K-6, an elementary career awareness component will be offered. The components of this project, providing increased interest in the world of work and increased knowledge about occupational options, can be adopted at other area schools.

AR 79 0035

Curriculum Development for Vocational Agriculture (Continuation).
Project Director: Castleman, Clayton
Organization: Stuttgart School District, Ark.
Address: Stuttgart, AR 72160
Descriptors: Agricultural Education, *Agricultural Occupations, *Agricultural Skills, Community Involvement, Curriculum Development, *Curriculum Guides, Horticulture, *Inservice Teacher Education, *Skill Development, *Vocational Agriculture
Funding Period: Start Date 1 Jul 76; End Date 30 Jun 79
Fiscal Year Funding: $43,030
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: D7632 (2355)

Six curriculum guides will be developed in the areas of agriculture structures, farm machinery, agriculture metal working, elements of farm and building layout, soybean and rice production, and horticulture. These guides will be written, field tested, reviewed by an advisory committee and then rewritten and finalized for availability to all agriculture education programs in Arkansas and surrounding states through the Mid-America Vocational Curriculum Consortia. The curriculum will provide the knowledge and skills needed by young farmers, young agriculture businesspersons and students going into service occupations related to agriculture, and also will allow older farmers, businesspersons and agricultural workers to upgrade their knowledge and skills. Inservice training will be provided to facilitate the acquisition of those skills necessary to teach and develop curriculum in highly specialized agricultural areas. Additional inservice programs and workshops will be offered to teachers from other districts to update and evaluate the curriculum guides. Efforts will be made to obtain community involvement. A transportable model to develop and update curriculum guides based on present and future job market needs will result from the project.

AR 79 0036

Develop Curriculum and Demonstrate Solar Energy Training Instructional Strategies.
Project Director: Watson, Robert Jr.
Organization: Delta Vocational Technical School, Marked Tree, Ark.
Address: Marked Tree, AR 72365
Descriptors: Air Conditioning, Curriculum Development, *Curriculum Guides, *Educational Programs, Heating, Instructional Materials, Job Skills, *Paraprofessional Personnel, Postsecondary Education, *Program Development, Refrigeration Mechanics, Skill Development, *Solar Radiation, *Teaching Methods
Funding Period: Start Date 1 Mar 79; End Date 28 Feb 82
Fiscal Year Funding: $6,250
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: E7903 (3397)

A postsecondary training program will be developed to produce qualified solar energy system technicians. Materials and techniques suitable for teaching solar technology will be identified, reviewed, and adapted. A comprehensive prototype solar energy curriculum guide will be developed and field tested for fundamental applications and intermediate utilization systems. The project staff, in consultation with an advisory committee, will assess, analyze, and plan strategies for the curriculum, using the Mid-America Vocational Curriculum Consortium format. Components of the curriculum will include fundamental hot water heater system, intermediate heating, ventilation, air conditioning, and other developing technologies.

AR 79 0037

Model Comprehensive School and Community Career Service System.
Project Director: Spencer, Mary Louise
Organization: Rich Mountain Vocational Technical School, Mena, Ark.
Address: Mena, AR 71953
Descriptors: Area Vocational Schools, *Career Planning, Community Involvement, Comprehensive Programs, Job Placement, *Job Search Methods, Job Training, *Occupational Information, Postsecondary Education, Reading Skills, *School Community Cooperation, Sex Stereotypes, *Skill Development, *Student Placement, Work Attitudes
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 81
Fiscal Year Funding: $9,590
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: E79-02 (2915)

Postsecondary students enrolled in the state area vocational technical schools will be involved in a career awareness laboratory to develop self-knowledge and positive self-concepts and will participate in an employability skills training program to develop skills in completing job applications and resumes and in finding and holding a job. To give students experiences related to specific job interests, job shadowing will be provided. Resource people from community agencies, business, and industry will work with students in the classroom to develop students' understanding of career responsibilities and expectations. School and community efforts will be organized into a positive working relationship to assist students in career planning. Increased community involvement in vocational and technical training, job placement, and increased student satisfaction reflected in a reduced dropout rate are expected to result.

AR 79 0038

Model Sex Equity Program.
Project Director: Gaines, Richard
Organization: Black River Vocational Technical School, Pocahontas, Ark.
Address: Pocahontas, AR 72455
Descriptors: Career Awareness, Career Opportunities, Comprehensive Programs, Educational Programs, Employer Attitudes, *Inservice Teacher Education, *Job Placement, Material Development, Models, *Nondiscriminatory Education, Nontraditional Occupations, Program Development, *Sex Discrimination, Sex Role, *Sex Stereotypes, Student Attitudes
Funding Period: Start Date 1 Mar 79; End Date 31 Dec 81
Fiscal Year Funding: $7,765
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: E79-01 (3272)

A program will be established to stimulate interest in and support for eliminating sex-role stereotyping in vocational and technical training. The program will encompass the attitudes of students and prospective employers in both business and industry regarding nontraditional roles, and will include placement of students in nontraditional careers. Teacher inservice training will be provided with emphasis on sex-fair evaluation, counseling, and individual student assignments. The project will be expanded from Black River Vocational Technical School to two other schools; materials to be developed will be applicable state-wide. It is expected that students will be guided to an awareness of their potential in nontraditional careers, thereby having their career opportunities increased.

AR 79 0039

Specific Career Orientation Readiness (Continuation).
Project Director: Bryant, Marilyn
Organization: Gateway Vocational Technical School, Batesville, Ark.
Address: Batesville, AR 72501
Descriptors: Access to Education, Area Vocational Schools, Career Choice, *Career Education, Career Planning, *Dropout Prevention, Equal Education, Material Development, Nondiscriminatory Education, Staff Improvement, *Student Evaluation, Student Needs, *Success Factors, *Vocational Aptitude, *Work Sample Tests

Funding Period: Start Date 15 Nov 77; End Date 15 Nov 80
Fiscal Year Funding: $18,819
Sponsoring Agency: Arkansas State Dept. of Education, Little Rock
Contract and/or Control No.: D7832(3392)

Potential Gateway Technical School students will be assisted in making career training decisions, thus reducing the high percentage of students who discontinue vocational training before program completion. A pre-enrollment aptitude evaluation program will be developed and implemented for each training area. Orientation materials will then be developed to acquaint potential students with career fields prior to enrollment. Efforts will be made to create an awareness of nontraditional roles and to promote equal access to the vocational programs. The job sampling standards needed to determine the applicant's aptitude for a given area will be established. Staff competencies in aiding students in career decision making and in identifying, solving, or referring student needs to other guidance services will be improved. In order to field test job sampling tasks and other pre-enrollment activities, other vocational schools in Arkansas will participate in the projects.

CALIFORNIA

Research (Sec. 131)

AR 79 0040

Analysis of Instructional Apprenticeship Services in Public Schools.
Project Director: Borbeer, Wilbur
Organization: Rio Hondo Coll., Whittier, Calif.
Address: 3600 Workman Mill Road, Whittier, CA 90608
Descriptors: *Apprenticeships, Community Colleges, *Curriculum Evaluation, Instructional Materials, Postsecondary Education, *Program Evaluation, *School Surveys, Secondary School Teachers, Senior High Schools
Funding Period: Start Date 1 Apr 79; End Date 31 Mar 80
Fiscal Year Funding: $16,000
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: CC-153

Analysis of instructional apprenticeship services will be conducted by consultants from northern California, headquartered at San Jose City College, and from southern California, meeting at Rio Hondo College in Whittier. Survey instruments for program sponsors, school representatives, and instructors will be developed, reviewed, and refined. The appropriate survey instrument will be mailed to each program sponsor and to each high school, community college, and ROP/C with classes for apprentices. Follow-up will be conducted on at least 90 percent of nonrespondents. Consultants will visit the sites of at least twenty randomly selected programs and review and evaluate curriculum and instructional materials currently available. Results will be summarized and analyzed and a written and oral report prepared for the state department of education and California community college.

AR 79 0041

Dissemination Model for Career Development and Vocational Preparation Systems.
Project Director: Gray, Anne
Organization: Huntington Beach Union High School District, Calif.
Address: 5201 Bolsa Avenue, Huntington Beach, CA 92647
Descriptors: Audiovisual Aids, Career Development, *Career Education, Career Exploration, *Consultation Programs, *Delivery Systems, Educational Development, Elementary Secondary Education, *Information Dissemination, *Inservice Programs, *Occupational Guidance, Program Development, Vocational Counseling
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $33,199 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 30-66548-3-8-248

A model for disseminating a comprehensive career guidance program, including audiovisual aids, to educational agencies throughout California will be developed. Assistance will be provided to interested staff from other schools who wish to adapt the career guidance program to their needs. Activities will include planning, conducting, and evaluating workshops; coordinating on-site visitations and outreach efforts to other schools; providing assistance and follow-up assistance to districts implementing the program; conducting inservice education and staff development programs; and completing and producing a dissemination guide, audiovisual materials, and other necessary products.

AR 79 0042

Increasing the Effectiveness of Urban and Suburban Secondary School and Community College Vocational Agriculture Programs in Recruiting, Preparing, and Placing Students.
Project Director: Rathbun, Larry P.
Organization: California Polytechnic State Univ., San Luis Obispo
Address: San Luis Obispo, CA 93407
Descriptors: Community Colleges, Disadvantaged Youth, Educational Resources, *Educational Strategies, Handicapped Students, *Instructional Materials, Postsecondary Education, Program Development, *Program Effectiveness, Rural Schools, Secondary Education, *Student Placement, *Student Recruitment, Suburban Schools, *Vocational Agriculture
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 80
Fiscal Year Funding: $21,822
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: CC-101

Urban and suburban vocational agriculture teachers will be provided with instructional strategies effective in student recruitment, preparation, and placement. Strategies and materials devised will be tested and refined in pilot vocational agriculture programs and will be disseminated through the annual CATA summer conference, university vocational agriculture teacher preparation programs, teacher inservice activities, and the office of the community college agriculture specialist. An advisory committee comprised of urban and suburban vocational agriculture teachers and agriculture industry representatives will review existing programs to identify their strengths, weaknesses, and ability to provide for disadvantaged and handicapped students and students with limited English-speaking ability. Advisory committee members and pilot school teachers will evaluate the project.

AR 79 0043

Occupational Education Data.
Project Director: McIntyre, Charles M.
Organization: California Community Colleges, Sacramento
Address: 1238 S Street, Sacramento, CA 95814
Descriptors: Access to Education, Accountability, *Community Colleges, *Data Bases, *Data Collection, Postsecondary Education, *Program Planning, Relevance (Education), *Resource Allocations
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $94,500 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 8412

Information on community college programs, courses, staff, facilities, and finance which form the basis for training California adults for employment and information on the needs and preferences of these individuals for instruction will be identified, collected, and incorporated into the chancellor's automated information system for use in federal reporting and accountability; state-level planning, policy making, and fund allocation; and local planning and program management and delivery. The data will allow vocational educators to (1) determine costs and program needs for limited English speaking or non-English speaking students, (2) identify community college resources available for those students and for disadvantaged and handicapped students, (3) determine sex and race bias in vocational programs and jobs, and (4) identify needed services and programs for new occupations. Project results will be disseminated through chancellor's office publications and a series of workshops and seminars.

AR 79 0044

Occupational Education Finance.
Organization: California Community Colleges, Sacramento
Address: 1238 S Street, Sacramento, CA 95814
Descriptors: *Accountability, *Community Colleges, *Educational Finance, *Federal Aid, *Federal Legislation, Postsecondary Education, *Resource Allocations
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $37,800 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento

Project results will be used in determining the allocation and providing accountability for federal funding to community college districts, occupational education programs in order to bring financing into compliance with the 1976 Vocational Education Act and to coordinate federal funding with state funding. Funds will be directed toward district programs and services for economically disadvantaged, educationally disadvantaged, limited and non-English speaking, and handicapped students. Project results will be disseminated as part of the Board of Governors' study on finance.

AR 79 0045

Procedures to Utilize Student Follow-Up Information (Student Accountability Model) in Course and Program Modification.
Project Director: Gold, Ben K.
Organization: Los Angeles Community Coll. District, Calif.
Address: 2140 West Olympic Boulevard, Los Angeles, CA 90006

Descriptors: Community Colleges, *Graduate Surveys, Information Dissemination, *Models, *Program Evaluation, Program Improvement, *Vocational Followup
Identifiers: *Student Accountability Model
Funding Period: Start Date 1 Mar 79; End Date 28 Feb 80
Fiscal Year Funding: $60,000
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: CC-152

Exemplary uses of the Student Accountability Model (SAM) for follow-up of California community college occupational students will be made known to all colleges. Project staff will develop criteria for identifying exemplary use of SAM in course and program modification and apply these criteria to identify exemplary use in California community colleges. Other colleges identified as able and willing to do so will then field test the exemplary techniques. Written reports and audiovisual materials will be used to disseminate the findings of the project to all colleges and other interested personnel.

Exemplary and Innovative (Sec. 132)

AR 79 0046

Career Intervention Program.
Project Director: Jones, J. Kenneth
Organization: Huntington Beach Union High School District, Calif.
Address: 5201 Bolsa Avenue, Huntington Beach, CA 92647
Descriptors: *Attendance Patterns, *Career Planning, *Disadvantaged Youth, *Dropout Prevention, Formative Evaluation, Group Guidance, Information Dissemination, Occupational Aspiration, *Occupational Guidance, Program Development, *Relevance (Education), Secondary Education, Student Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $48,394 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 30-66548-3-8-247

Disadvantaged students will demonstrate improved school attendance, develop a better understanding of the relationship between the high school experience and future career goals, and be better able to correlate career planning and vocational readiness as a result of this project. Disadvantaged students will progress through a program of small group and individual guidance; their progress will be monitored and personal needs identified. Relevant career folders will be maintained in a career center and made available to students. A dissemination effort will be planned to share program development and implementation information with other schools. Ongoing evaluation will be conducted to continue the identification of program needs and modifications.

AR 79 0047

COIS: To Continue the Development of the California Occupational Information System.
Project Director: Van Zant, John
Organization: Ventura County Superintendent of Schools, Calif.
Address: 535 East Main Street, Ventura, CA 93009
Descriptors: Administrator Education, *Information Systems, *Occupational Information, Statistical Data, Tables (Data)
Funding Period: Start Date 1 Dec 78; End Date 1 Dec 79
Fiscal Year Funding: $200,000
Sponsoring Agency: California State Dept. of Education, Sacramento

To continue to develop COIS, project staff will develop and modify components and transfer appropriate components to the state department of education (SDE) and the California Community College Chancellor's Office (CCCCO). Training for SDE and CCCCO staff in various COIS components, annual statistical tables to include in the one-year and five-year state plans, and a training package for the supply and demand report will be provided. Existing COIS subsystem components will be reviewed with the SDE and CCCCO for adoption, further development, or modification, and technical assistance groups will be established. Evaluation will consist of both internal and external activities.

AR 79 0048

Exemplary and Innovative.
Project Director: Buchanan, James
Organization: Oxnard School District, Calif.
Address: 937 West Fifth Street, Oxnard, CA
Descriptors: *Business Education, High School Students, *Individualized Instruction, Job Skills, *Learning Modules, *Migrant Youth, Needs Assessment, *Non English Speaking, Secondary Education
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 1 Sep 78; End Date 15 Jun 79
Fiscal Year Funding: $7,835 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 56-72546-3-8-100

Non-English speaking and limited English speaking high school students will be provided a special, self-paced, open entry/open exit class that will prepare them to take further courses in business education leading to vocational competence. This basic instruction will be provided by adapting an existing course, "Common Core Units in Business Education," to the class in job-oriented business skills. Instruction will include diagnosing each student's needs, prescribing a course of study, motivating the student, and pacing the student. The open entry/open exit feature will be especially valuable to migrant students.

AR 79 0049

Extending the High School Career Center to Meet the Needs of Special Education Students.
Project Director: Miller, Daniel R.
Organization: La Canada U.S.D., Calif.
Address: 5039 Palm Drive, La Canada, CA 91011
Descriptors: Career Awareness, Career Education, Career Exploration, Educational Needs, Elementary Secondary Education, *Handicapped Students, *Needs Assessment, Prevocational Education, *Resource Centers, School Community Relationship, *Special Education, Work Experience Programs
Funding Period: Start Date 1 Jun 78; End Date 1 Jun 79
Fiscal Year Funding: $47,645 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 19-64659-3-8-807

One hundred four special education students in the La Canada Unified School District will participate in a vocational education program that will include the following components: (1) a career awareness program for grades K-6; (2) a career exploratory program for grades 7-12; (3) a pre-vocational program for grades K-12; (4) a hands-on vocational assessment program for grades 4-12; (5) a work habits program for grades 4-12; and (6) job training programs created through extended use of community regional occupational program (ROP) and inter-district services. The services of the La Canada High Career Resource Center will be expanded to include the above-mentioned components. The program will continue to function after its funding period. Positive results will demonstrate at the end of a year and a half that significantly more students than in the previous year are involved in: career awareness; exploratory, and pre-vocational programs; work habits and assessment programs; and training programs. Also, significantly more students will be competetively employed.

Curriculum Development (Sec. 133)

AR 79 0050

Adult Maritime Vocational Education and Technical Training.
Project Director: Armburst, Mayer R.
Organization: California Maritime Academy, Vallejo, Calif.
Address: Maritime Academy Drive, P.O. Box 1392, Vallejo, CA 94590
Descriptors: *Adult Education, Boatmen, Curriculum Development, Curriculum Planning, *Educational Innovation, Educational Programs, *Marine Technicians, *Paraprofessional Personnel, Seamen, *Technical Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,552 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 050

Project staff will continue to offer vocational education courses of instruction and technical training in below-baccalaureate programs in both shipboard and shoreside maritime occupations and will create additional curriculum in new and innovative maritime related occupations to meet the growth needs for trained personnel in maritime and related industries.

AR 79 0051

Bilingual Competency-Based Instruction Safety Program.
Project Director: Lybarger, Alvin E.
Organization: San Diego State Univ., Calif.
Address: San Diego, CA 92182
Descriptors: *Bilingual Education, Curriculum Development, *Industrial Arts, Non English Speaking, *Performance Based Education, *Safety Education, Secondary Education, *Shop Curriculum, *Spanish Speaking, Teacher Developed Materials, Teacher Workshops, Transfer Students
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $25,000 (Charged to FY 1978)

Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 37-30627-3-8-8282

To teach safety programs to non-English speaking and mid-year transfer students, minority, non-minority, male and female industrial arts teachers in the San Diego area will participate in a workshop for college credit at San Diego State University. The safety content will be developed and illustrated in Spanish and English and will include instruction for grades 7-12 in the areas of woodworking, metalworking, and transportation. The content will be identified and ranked in order of importance, and the method of presentation will be determined. Pre- and posttests will be included in the final version.

AR 79 0052

Competency-Based Curriculum in Agriculture: A Program Approach.
Project Director: Thompson, O. E.
Organization: California Univ., Davis
Address: Davis, CA 95616
Descriptors: Agricultural Engineering, Agricultural Production, *Core Curriculum, Curriculum Development, *Curriculum Guides, *Performance Based Education, Secondary Education, Teaching Guides, *Vocational Agriculture
Funding Period: Start Date 1 Mar 79; End Date 29 Feb 80
Fiscal Year Funding: $43,980
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 302

Curriculum guidelines for a core course to familiarize students with career opportunities in agriculture and for each of the seven job clusters will be completed for a high school vocational agriculture program to provide students with entry-level job skills. Guidelines for Agricultural Supplies and Services, Agricultural Mechanics, and Agricultural Production Volume II will be ready for reproduction and distribution by Vocational Education Productions at California State Polytechnic University. Competencies for the units will be identified by employers from farming and industry; teachers will write performance objectives, teaching outlines, learning activities, and suggested resource materials for each unit.

AR 79 0053

Instructional Models for Fire Science and Electronic Curricula Development.
Project Director: Williams, John
Organization: San Mateo Coll., Calif.
Address: 1700 W. Hillsdale Boulevard, San Mateo, CA 94402
Descriptors: Curriculum Development, *Curriculum Guides, *Electronic Technicians, *Fire Science Education, *Learning Modules, *Performance Based Education, Technical Education
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 80
Fiscal Year Funding: $45,000
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: CC-352

Eighteen competency-based modules each for training entry-level electronics technicians and fire service employees will be developed with a course outline and instructor's guide for each module. The electronics technician curriculum will feature flexible scheduling to facilitate employee upgrading. The project will assist in competency-based standards for eleven ranks in the California fire service.

AR 79 0054

Work Experience Curriculum Answers a Need (WE CAN).
Project Director: Turley, Kay
Organization: Fullerton Joint Union High School District, Calif.
Address: 2600 East Nutwood Ave., 10th Floor, Fullerton, CA 92631
Descriptors: Curriculum Development, Demonstration Programs, *Handicapped Students, Job Placement, Job Skills, *Mainstreaming, *Prevocational Education, Special Education, Special Services, *Student Placement, Work Attitudes, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,233 (Charged to FY 1978)
Sponsoring Agency: California State Dept. of Education, Sacramento
Contract and/or Control No.: 30-66514-3-8-143

The project will field test and finalize "A Careers Course of Study for Students with Special Needs" that will be used in the pre-employment training of handicapped students. The processes necessary for the integration of handicapped students into the regular work experience program will be refined. The transportable model will then be disseminated to districts throughout the state interested in mainstreaming handicapped students into regular work experience programs. In the process of the project, work experience coordinators will gain the knowledge, skills, and attitudes necessary to effectively service the handicapped student. Special education departments will become involved with the pre-employment training curriculum developed for the special students, and the handicapped students themselves will be placed in paid positions that directly relate to their assessment and pre-employment training results, thereby enhancing chances for success on the job.

COLORADO

Research (Sec. 131)

AR 79 0055

Assessing the Impact of Vocational Education Programs on Disadvantaged and Handicapped Students.
Project Director: Acord, James F.
Organization: Colorado State Univ., Ft. Collins
Address: Ft. Collins, CO 80523
Descriptors: Administrator Attitudes, Career Development, *Disadvantaged Youth, *Handicapped Students, *Mainstreaming, *Needs Assessment, Occupational Guidance, *Program Effectiveness, *Program Evaluation, Student Attitudes, Teacher Attitudes
Funding Period: Start Date 1 Feb 79; End Date 1 Feb 80
Fiscal Year Funding: $49,967
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: R 79-1

Results from this study will reveal the impact of vocational education programs on disadvantaged and handicapped individuals and the effect that mainstreaming this population has had on vocational education. To accomplish the research, a thorough review of the literature and of Management Information System, Colorado Department of Education, and Division of Employment data will be conducted to identify the disadvantaged and handicapped population and to determine their needs, the types and levels of the programs, and institutions in which they are enrolled. A needs assessment instrument will be developed nd administered to a stratified random sample of vocational teachers and administrators to determine the adequacy of vocational programs, the impact of mainstreaming, the needs of teachers and administrators, and the career development and guidance needs of disadvantaged and handicapped individuals. Recommendations will be written for future action.

AR 79 0056

Design and Implementation of an Assessment Model for Students Entering Vocational Education Programs.
Project Director: Hartley, Nancy
Organization: University of Northern Colorado, Greeley
Address: Gunter 103, Greeley, CO 80639
Descriptors: *Academic Aptitude, *Disadvantaged Youth, Educational Needs, *Handicapped Students, Learning Characteristics, Measurement Instruments, Postsecondary Education, Secondary Education, Student Ability, *Student Evaluation, *Student Interests, *Student Needs, Student Placement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,454 (Charged to FY 1978)
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 78R-22

A model will be designed and implemented for school district use in assessing the learning styles and problems of handicapped and disadvantaged students entering vocational education programs at the secondary and postsecondary levels. Students will be assessed in terms of interests, aptitudes, abilities, and placement in appropriate levels of curriculum or skill training. The model will emphasize program evaluation and accountability, and will be distributed to all vocational education special needs personnel and local vocational education directors in the state.

AR 79 0057

Developing and Implementing a Needs Assessment Program for Vocational Education in Colorado.
Project Director: Wyatt, Windol L.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education
Address: Ft. Collins, CO 80523
Descriptors: *Educational Needs, *Manuals, *Needs Assessment, Postsecondary Education, *Program Development, Vocational Directors, *Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,990 (Charged to FY 1978)
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 78R-17

The project proposes to develop and implement a needs assessment program for vocational education in Colorado. Each school district and postsecondary institution in the state will receive a manual including instruments and procedures for conducting needs assesments. The project objective is to enable local vocational teachers and administrators to determine the external and internal needs of local programs.

AR 79 0058

Developing and Testing a Model for Needs Assessment and Delivery of Inservice Education to Colorado Vocational Personnel.
Project Director: Barnes, Robert; Rasl., Glen
Organization: Northern Colorado Univ., Greeley; Colorado State Univ., Ft. Collins
Address: Ft. Collins, CO 80523; Gunter Hall, Greeley, CO 80639
Descriptors: *Administrative Personnel, *Delivery Systems, Educational Needs, *Inservice Programs, Interagency Cooperation, Models, *Needs Assessment, *Program Evaluation, *Vocational Education Teachers
Funding Period: Start Date 1 Dec 78; End Date 31 May 80
Fiscal Year Funding: $27,451
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: R 79-4

This project will provide the immediate basis for planning inservice programs based upon the expressed needs of vocational educators in Colorado. Project staff will develop and test alternative models for assessment, planning, and delivery of inservice training to instructors and administrators of vocational education. After three alternative strategies determining the inservice needs of vocational instructors have been tested, a model for inservice assesament and planning will be developed using information gathered through a literature review and data gathered from the assessment strategies. The project will then field test, modify, and begin implementation of the model.

AR 79 0059

Needs of Bilingual Vocational Education in Colorado.
Project Director: Spooner, Kendrick L.
Organization: Center for Education and Management, Kersey, Colo.
Address: 25455 Weld County Road 50, Kersey, CO
Descriptors: *Bilingual Education, Case Studies, Employment Trends, *Job Skills, *Needs Assessment, *Program Effectiveness
Funding Period: Start Date 1 Jan 79; End Date 30 Oct 79
Fiscal Year Funding: $19,321
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 79 R-2

In analyzing the needs for bilingual vocational education in Colorado, project staff will review state employment data to establish bilingual job requirements that would be addressed through traditional vocational programs, and to establish five-year predictions for manpower needs. Bilingual instructors and bilingual programs will be identified and a mail survey conducted to all known occupational training programs to identify and describe bilingual occupational training programs. Case studies will be written for up to five exemplary programs. A task force of individuals from agencies, programs and business affected will meet for a two-day retreat to review the findings and make recommendations for bilingual vocational education.

AR 79 0060

Preparation/Utilization of Instructional Packages and Media (Inservice Education) for Local Directors of Vocational Education–Phase III.
Project Director: Valentine, Ivan E.; Larson, Milton E.
Organization: Colorado State Univ., Ft. Collins. Dept of Vocational Education
Address: Ft. Collins, CO 80523
Descriptors: Administrative Personnel, *Administrator Education, Curriculum Development, Educational Development, *Inservice Teacher Education, Instructional Materials, Leadership Training, *Learning Modules, *Multimedia Instruction, Program Administration, Sex Fairness, Systems Approach, *Vocational Directors

Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $21,974 (Charged to FY 1978)
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 78R-04

The project proposes in Phase III to develop instructional packages and media for an inservice education program for local directors of vocational education. Project objectives are: (1) to examine concepts of leadership relative to administration of vocational-technical education programs; (2) to expand knowledge of the interdisciplinary concepts for vocational-technical education leadership through onsite inservice education; (3) to formulate a systems approach to planning, conducting and evaluating inservice programs for local directors in Colorado, (4) to define and refine the competencies and tasks of administrators; and (5) to provide a viable inservice program for local vocational administrators. Three of the eight proposed modules have been produced. In this phase, five additional modules will be developed and five sets of each will be produced. Each module will consist of one TV color tape, one set of slides, one audio tape, reference material, folder for packaging, and printed instructional material.

AR 79 0061

Role Clarification and the Determination of the Responsibilities for Administrative Tasks Performed by Local Vocational Administrators in Colorado.
Project Director: Valentine, Ivan E.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education
Address: Ft. Collins, CO 80523
Descriptors: Administrator Attitudes, *Administrator Qualifications, *Administrator Responsibility, *Administrator Role, Community Colleges, Job Analysis, Occupational Information, Postsecondary Education, Secondary Education, Sex Fairness, *Surveys, *Task Analysis, *Vocational Directors
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $8,115 (Charged to FY 1978)
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 78R-16

The project proposes to clarify the role of, determine the responsibility of, and specify the tasks performed by local vocational administrators in Colorado. A questionnaire will be developed, validated, and administered to local vocational directors regarding their administrative responsibilities. Each local vocational administrator will be asked to rate the responsibilities as to actually or ideally performed. Immediate supervisors of the surveyed directors will complete the same questionnaires. Data will be reduced and comparisons developed of the administrative roles of each local administrative classification. An advisory committee composed of personnel from the Colorado Council of Local Administrators, teacher educators, and the SBCCOE Planning and Evaluation Branch will be utilized during the project. Products of the project will include: (1) a list of typical tasks performed by local administrators, including directors of area vocational technical schools (AVTS), area vocational schools (AVS), and community colleges; (2) typical job descriptions for AVTS directors and community college occupational deans; and (3) typical job specifications for AVTS directors and community college occupational deans.

Exemplary and Innovative (Sec. 132)

AR 79 0062

Evaluation of the BOE Exemplary Programs.
Project Director: Spooner, Kendrick L.
Organization: Center for Education and Management, Kersey, Colo.
Address: 25455 Weld County Road 50, Kersey, CO 80644
Descriptors: Academic Achievement, *Business Education, *Clerical Occupations, Community Colleges, Community Involvement, Graduate Surveys, Models, Office Occupations, Postsecondary Education, *Program Evaluation, *Rural Areas
Funding Period: Start Date 1 Jan 79; End Date 15 Aug 79
Fiscal Year Funding: $7,999
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: 79-E-1

A model business clerical program developed for rural areas will be evaluated through onsite visits and performance measurement. Specifically, the exemplary projects will be described in view of the curriculum/instruction model; the positive and negative aspects of the curriculum will be described by students, teachers, and administrators; the performance of students currently enrolled in the program will be assessed; and the performance of program graduates will be assessed through an employer and graduate survey. The business clerical program was sponsored by the State Board for Community Colleges and Occupational Education.

AR 79 0063

Inservice Education for Postsecondary Part-Time Instructors.
Project Director: Valentine, Ivan E.
Organization: Colorado State Univ., Ft. Collins. Dept. of Vocational Education
Address: Ft. Collins, CO 80523
Descriptors: Delivery Systems, Educational Needs, Estimated Costs, *Inservice Teacher Education, *Needs Assessment, *Part Time Teachers, Postsecondary Education, *Teacher Characteristics
Funding Period: Start Date 1 Feb 79; End Date 30 Dec 79
Fiscal Year Funding: $16,424
Sponsoring Agency: Colorado State Dept. of Education, Denver
Contract and/or Control No.: E 79-3

Project staff will conduct a literature review of present inservice delivery models and then design such a system and pilot test it to provide a projected cost factor for the model. Instructional elements and the personal characteristics and professional needs of part-time postsecondary instructors will be identified. The Management Information System of the State Board for Community Colleges and Occupational Education will be used in the pilot test to collect data from part-time postsecondary teachers and local administrators responsible for their supervision. Quarterly reports and a final report will be produced.

Curriculum Development (Sec. 133)

AR 79 0064

Curriculum Materials Development.
Project Director: Perry, Robert
Organization: State Board for Community Colleges and Occupational Education, Denver, Colo.
Address: 207 State Services Bldg., Denver, CO 80203
Descriptors: *Behavioral Objectives, Curriculum Research, Inservice Teacher Education, Instructional Materials, *Instructional Materials Centers, *Task Analysis, *Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $75,000
Sponsoring Agency: Colorado State Dept. of Education, Denver

Project staff will analyze ten occupations and develop a rank-ordered task listing for each using the Develop a Curriculum (DACUM) process and with the help of groups of entry-level workers and supervisors in specific occupations. Selected teachers will then develop performance objectives based on the completed occupational analyses. These materials will be provided to vocational instructors on the local level, primarily through inservice meetings. Curriculum resource materials will also be made available on loan from the curriculum library to Colorado vocational instructors. Provisions will be developed for evaluating project impact. Approximately ten percent of the state's vocational instructors will use the services of the curriculum library.

AR 79 0065

Mid-America Vocational Curriculum Consortium.
Project Director: Benson, Ann
Organization: Mid-America Vocational Curriculum Consortium, Stillwater, Okla.
Address: 1515 W. Sixth Avenue, Stillwater, OK 74074
Descriptors: *Behavioral Objectives, Catalogs, Consortia, *Criterion Referenced Tests, *Curriculum Guides, Group Membership, *Performance Based Education, *Task Performance, Teaching Guides
Identifiers: *Mid America Vocational Curriculum Consortium
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Colorado State Dept. of Education, Denver

The project will provide for Colorado's membership in the twelve-state Mid-American Vocational Curriculum Consortium. The purpose of the consortium is to enable the member states to share costs in the development of vocational curriculum materials. Two or three curriculum manuals will be developed and made available for local vocational educators. Each manual will be divided into major areas or sections which will be organized into learning units of instruction. The manuals will contain the knowledge, skill development information, and instructional direction needed for the student to achieve the task analysis-based performance objectives for each unit of instruction which will include a statement of objectives, teacher and student activities, information sheets, transparency masters, assignment sheets, job sheets, unit criterion-referenced tests, and answer sheets. Selected state and industry representatives will serve on a committee to ensure the product's quality.

CONNECTICUT

Exemplary and Innovative (Sec. 132)

AR 79 0066

Middlesex/Shoreline Vocational Career Consortium.
Project Director: Hampton, Kenneth
Organization: Vinal Regional Vocational-Technical School, Middletown, Ct.
Address: 60 Daniels Street, Middletown, CT 06457
Descriptors: *Career Education, Community Resources, *Consortia, *Cooperative Planning, *Job Skills, Models, *Program Planning, *Regional Programs, School Community Cooperation, School Industry Relationship, Skill Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,209
Sponsoring Agency: Connecticut State Dept. of Education, Hartford
Contract and/or Control No.: 610600-79271

A planning model for implementing a regional vocational career education program will be implemented to better use all applicable school, community, business, government, and industrial resources. All students in grades K-12 will be given the opportunity to develop a saleable skill, and a mechanism for facilitating student transfers between schools and institutions or programs will be established. A regional approach to meeting the needs of the handicapped and disadvantaged will also be developed. A final report will be delivered.

AR 79 0067

Pilot Program to Provide Ownership Skills to Seniors in Vocational Technical Schools and other Educational Institutions.
Project Director: Rooke, John T.
Organization: Norwich Regional Vocational Technical School, Conn.
Address: Norwich, CT
Descriptors: *Business Education, *Community Resources, *Instructional Materials, *Job Skills, *Learning Modules, *Managerial Occupations, School Community Relationship, Secondary Education, Work Experience
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $9,900 (Charged to FY 1978)
Sponsoring Agency: Connecticut State Dept. of Education, Hartford
Contract and/or Control No.: 608400-79271

A forty-hour module course in ownership and management of a small business will be developed for twelfth grade students. The course will focus on general educational skills to develop management, decision making, and problem solving skills. Local business people will help to teach topics including law, contracts, and insurance. Course topics will include bookkeeping or record-keeping, forms of business ownership, business finance, marketing and pricing, purchasing and inventory, personnel relations, government requirements, and sources of assistance. Students will participate in simulated job experiences.

DELAWARE

Exemplary and Innovative (Sec. 132)

AR 79 0068

Visual Aids Curriculum Materials for the Construction, Electromechanical, Transportation, and Metals Clusters.

Descriptors: *Audiovisual Aids, *Building Trades, Educational Programs, *Electrical Occupations, Individualized Instruction, Instructional Materials, *Metal Working Occupations, *Occupational Clusters, *Transportation

Funding Period: Start Date 01JUL78; End Date 30JUN79

Fiscal Year Funding: $3,600

Sponsoring Agency: Delaware State Dept. of Public Instruction, Dover

Contract and/or Control No.: E-79-1

Audiovisual materials to complement the instructional programs in the construction, electro-mechanical, transportation, and metals clusters will be provided to upgrade instruction. Students and teachers will then be free to place added emphasis on individualized instruction.

Curriculum Development (Sec. 133)

AR 79 0069

Development of Competency-Based Vocational Education Curriculum.

Organization: New Castle County Vocational School District, Del.

Address: New Castle, DE

Descriptors: Curriculum Development, *Instructional Materials, Instructional Systems, Material Development, *Performance Based Education

Identifiers: Vocational Technical Education Consortium States

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $38,000

Sponsoring Agency: Delaware State Dept. of Public Instruction, Dover

Contract and/or Control No.: C-79-1

Funding for this project will enable completion of the contractual agreement with the Vocational Technical Education Consortium of States for assisting the Delaware Instructional System Curriculum (DISC) in developing competency-based vocational education materials. DISC is located at Hodgson Vocational Technical School.

FLORIDA

Research (Sec. 131)

AR 79 0070

Coordination of Special Evaluation Activities (Continuation).
Project Director: Perkins, L. Hobdy
Organization: University of West Florida, Pensacola
Address: Pensacola, FL 32504
Descriptors: *Educational Coordination, Followup Studies, Instrumentation, Junior Colleges, *Performance Criteria, Postsecondary Education, Program Development, *Program Evaluation, Program Validation, *State Standards
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $52,501
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

To ensure that vocational completers acquire minimum student performance standards in their areas of training, staff of this ongoing evaluation project will (1) further refine a state-wide system for evaluation of vocational programs, processes, and products, (2) validate and refine instrumentation and procedures used by state-wide follow-up processes, (3) develop and maintain system for using minimum student performance standards in selected vocational programs, and (4) consult with and advise administrative and instructional personnel in local school districts and community colleges regarding the evaluation process.

AR 79 0071

Coordination of Special Evaluation Activities (Continuation).
Project Director: Perkins, L. H.
Organization: University of West Florida, Pensacola. Vocational and Technical Studies
Address: Pensacola, FL 32504
Descriptors: *Evaluation Criteria, *Evaluation Methods, *Followup Studies, *Program Evaluation, Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $52,501
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

Technical assistance will be provided to refine a state-wide system for evaluation of vocational programs, processes, and products. The procedures and instrumentation used in state-wide follow up of vocational students and employers will be validated and refined. This validation will contribute to the development and maintenance of a system for the introduction of entry-level student performance standards into selected vocational programs. After analyzing the follow up, the findings will be presented to state and local education agencies.

AR 79 0072

Cost Benefit of Vocational Education Programs.
Project Director: Alexander, Kern
Organization: Florida Univ., Gainesville
Address: Gainesville, FL
Descriptors: Adult Education, Community Colleges, Computer Programs, *Cost Effectiveness, *Educational Finance, Postsecondary Education, *Program Evaluation, Secondary Education, *Student Costs, *Systems Development
Funding Period: 15 Jun 78; End Date 30 Sep 79
Fiscal Year Funding: $59,289
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

A system, including computer software, will be developed to calculate the direct economic benefits and costs to the individual and to society and the internal rate of return for each postsecondary and adult preparatory vocational program in Florida's school districts and community colleges. Data will be obtained from school districts, community colleges, and the Florida Bureau of Unemployment Compensation.

AR 79 0073

Curriculum Development System (CDS) Project Activities (Continuation).
Project Director: Hinely, W. Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: Administrative Personnel, Delivery Systems, *Individualized Programs, Inservice Programs, *Inservice Teacher Education, *Performance Based Teacher Education, *Preservice Education, Program Effectiveness, *Program Evaluation, Skills
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $95,673
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 91C14

Evaluation will be conducted of FACIT, Florida Approach to Competency-Based Individualized Teaching, in preservice and inservice settings. The evaluation will include determination of the instructional efficiency and effectiveness of the FACIT teacher-training system and the practicality of the FACIT competencies, including the problems and benefits attendent upon their implementation. Teachers, administrators, and support personnel will be trained in FACIT competencies at five pilot-testing sites. Materials and techniques of competency-based education, such as those of FACIT, V-TECS, and IDECC, will be integrated. Necessary changes will be made in training materials in accordance with findings from the pilot tests.

AR 79 0074

Development of an Evaluation Model for Competency-Based Instruction.
Project Director: Hinley, W. Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: Decision Making, *Evaluation Methods, *Performance Based Education, *Program Effectiveness, *Program Evaluation, Surveys, *Teacher Education, Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $74,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C12

A validated model for evaluating competency-based vocational programs and a variety of specific evaluation plans adapted to the needs of the FACIT pilot testing centers and teacher education programs will result from the research. The project will evaluate the effectiveness of FACIT as a teacher training system and the practicality of the FACIT concepts and skills as they are implemented in pilot testing centers. Recommendations for improvements in FACIT will be included. The research will address several concerns: important evaluation questions, information requirements, information sources, procedures for collecting and analyzing information sources, procedures for collecting and analyzing information, and procedures for making evaluation decisions related to competency-based programs. Concurrent with a literature review or evaluation of competency-based programs, users of FACIT will be surveyed to determine their views on the same issues. Project staff will then develop, revise, and finalize the evaluation model in generalized form with specific guidelines for local adaptations.

AR 79 0075

Development of Occupational Demand Data for Vocational Program Planning (Continuation).
Project Director: O'Hara, John
Organization: Florida Department of Commerce, Div. of Employment Security
Address: Tallahassee, FL 32304
Descriptors: *Demand Occupations, *Educational Needs, *Employment Opportunities, *Employment Projections, Manpower Needs, *Occupational Surveys, *Program Planning, School Industry Relationship
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

An employment matrix for Florida, consistent with the United States Bureau of Labor Statistics' national/state matrix program, will be developed in this project to prepare labor market data for the Division of Vocational Education.

The matrix will provide a more detailed breakdown of labor market needs which will facilitate the planning process for vocational personnel involved in planning programs to meet the needs of youths and adults in the state. Procedures will include (1) developing occupational demand da[illegible] for the state and each of the eleven department of administration planning districts, (2) developing a matrix of employment covering 200 industries and 1,200 occupations, and (3) developing projects to 1985 for the eleven planning districts for job openings.

AR 79 0076

Implementation of Change: Implication for Policies and Procedures Relating to Sex Bias and Discrimination in Vocational Education.
Project Director: Thomas, Susan B.
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: *Change Strategies, *Educational Change, Educational Policy, *Educational Programs, Nondiscriminatory Education, *Personnel Policy, *Sex Discrimination
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 91C16

Results of the research will be a document designed to introduce local vocational education administrators to some of the issues involved in the dynamics of change; a list of successful programs with descriptions of policies, client groups, and implementation techniques; and a list of recommendations for the acceptance and facilitation of change, evaluated and verified by experts in the field of vocational education. Project staff will conduct a literature review to accomplish two purposes: to provide a fundamental understanding of the dynamics of changing human behavior, with emphasis on the implication for vocational education programs, and to survey the scope and potential implications of change relating to sex bias and other discriminatory practices in vocational education programs. Successful programs, policies, procedures, and strategies in the southeastern region will be identified and the list of recommendations will be compiled with special attention to change in the area of personnel policies, counseling practices, and student contact.

AR 79 0077

Integrating Competency Testing with Vocational Technical Programs of Instruction and Training.
Project Director: Wittwer, Franklin
Organization: University of West Florida, Pensacola
Address: Pensacola, FL 32504
Descriptors: *Academic Achievement, Area Vocational Schools, *Educational Programs, Formative Evaluation, Grades (Scholastic), Junior Colleges, *Minimum Competency Testing, School Industry Relationship, *Student Evaluation
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $30,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2C21

To integrate competency testing as a component of the teaching process as much as convential approaches to student evaluation, project staff will (1) associate the 1977-78 performance of vocational-technical students on the COMP/ACT Measurement Battery with instructor grades and ratings, (2) field test the COMP Objective Test to obtain reactions of teachers, students, and administrators to the test, (3) associate the 1978-79 performance of vocational-technical students in area centers and community colleges on the COMP Battery with instructor grades and ratings, (4) associate performance of students who are working parttime while attending vocational-technical schools and who terminate their schooling after January 1, 1978 to work full time. From these activities, the project will derive validity coefficients when performance in the classroom or shop and on the job is the criterion for success.

AR 79 0078

Needs Assessment for Vocational Education Program Activities for Handicapped and Disadvantaged Students in Rural and Urban Areas in Florida.
Project Director: Hinley, Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: *Ancillary Services, Data Collection, *Disadvantaged Youth, *Handicapped Students, Instructional Programs, *Needs Assessment, *Rural Areas, *Urban Areas
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $65,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D31

To produce description of the current need for services by handicapped or disadvantaged persons who may want or can benefit from vocational education, project staff will (1) identify definitions of handicapped and disadvantaged persons used by federal and Florida agencies, (2) select indicators of handicapped and disadvantaged conditions for which Florida data are available, (3) select a satisfactory needs assessment system model and identify an investigative, secondary data source to describe the prevelance of funding for handicapped and disadvantaged persons wanting vocational education, (4) develop estimates of the number of handicapped and disadvantaged persons in Florida, (5) describe the funding sources and amounts expended for services currently available for this population in vocational education programs in the state, and (6) establish assumptions and limitations of the data to be used to describe the prevalence of the funding for handicapped and disadvantaged persons to be used in the study.

AR 79 0079

Provision for Consultative Research Associate for Vocational Education.
Project Director: Hinley, W. Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: Educational Benefits, *Evaluation Methods, *Human Resources, Interagency Cooperation, *Needs Assessment, Program Coordination, *Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $48,190
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 91C11

In working with Florida State University's research and development section, the bureau of vocational research dissemination and evaluation, and the vocational industrial arts department, the consultative research associate will have the responsibility for identifying state-wide research and development and coordinating the assignment of priority needs with division and department priorities; identifying available human resources and coordinating the development of additional resources to conduct vocational research and development activities at universities; providing consultative and technical assistance in the preparation and submission of invited research and development projects; auditing management aspects of projects and consulting with project staff concerning budgets, allocation of personnel and evaluation techniques and methods of funded vocational research and development projects at universities; and developing and maintaining liaison with federal, state and local educators conducting research and development projects at the university level. Realistic priorities of research and development products and processes needed to expand the benefits of vocational education program and courses to students, educators, and the general public will be provided.

AR 79 0080

Reproduction of Reports on Microfiche.
Project Director: Rehwinkel, Carl
Organization: Leon County School Board, Tallahassee, Fla.
Address: Tallahassee, FL 32304
Descriptors: *Demonstration Projects, *Information Dissemination, *Microfiche, *Reports, *Research Projects
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,500
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

All copies of research, development, and exemplary projects, reports, and products will be reproduced on microfiche and will be made available to school districts, community and junior colleges, and universities in the state.

AR 79 0081

Study to Develop and Field Test a Handbook for Teachers, Counselors and Administrators in Open Entry/Open Exit Systems in the State of Florida.
Project Director: Thomas, Hollie
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: *Administrative Personnel, *Counselors, Data Analysis, Evaluation Methods, Field Studies, *Guidelines, *Material Development, *Program Evaluation, Vocational Education Teachers
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C15

Guidelines for open entry/open exit instruction will be developed; an instrument for evaluating and validating the guidelines will be developed, validated, and modified; and a sample of subjects will be selected from schools identified

for the study. In the first field test, copies of the guidelines and instruments will be mailed to the subject; the collected data will be analyzed; and the guidelines will be modified. The second field test will be conducted in the same manner using the modified guidelines. Data from the two field tests will be analyzed and compared and the findings summarized. Major questions to be addressed by the study are (1) Are the guidelines effective in facilitating movement to open-entry/open-exit instruction? (2) Are the guidelines comprehensive in dealing with the planning, organization, and implementation of open-entry/open-exit programs? (3) Do the guidelines provide information about the inservice needs of identified personnel at various stages of adoption of the open-entry/open-exit policy? (4) Do the guidelines indicate needed competencies for teachers, counselors, and administrators in open-entry/open-exit instruction? and (5) Do the guidelines indicate or identify services and facilities needed to implement open-entry/open-exit instruction?

AR 79 0082

Study to Explore Vocational Training Programs and the Subsequent Success of Handicapped Individuals in Rural Areas.
Project Director: Schwartz, Stuart
Organization: Florida Univ., Gainesville
Address: Gainesville, FL 32611
Descriptors: Comparative Analysis, Data Collection, *Educational Programs, *Job Training, *Physically Handicapped, *Program Planning, *Rural Areas, Rural Education, *Success Factors, Vocational Adjustment
Funding Period: Start Date 22 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D41

Literature reviews of the state of the art of national vocational preparation programs for handicapped students and of the adjustment of adult handicapped persons in rural settings will be conducted. Pilot studies of the adjustment levels of handicapped and non-handicapped high school graduates and dropouts in rural settings and of comparisons of the quantity, quality, and formats of rural vocational education programs will also be conducted. A state-wide advisory committee will be developed and convened to assist project staff in collecting data and completing the literature reviews. Appropriate survey instruments and visitation procedures will be developed and implemented. The project will plan for expanding the scope of study.

AR 79 0083

Validation of NOCTI Instruments Using Vocational Education of Florida Comprehensive High Schools (Continuation).
Project Director: Hill, Raymond
Organization: University of South Florida, Tampa
Address: Tampa, FL
Descriptors: Comprehensive High Schools, Evaluation Methods, *Field Studies, *Formative Evaluation, *Measurement Instruments, *Predictive Validity, *Skill Development, *Success Factors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1C11

Selected NOCTI instruments will be field tested to determine their validity in comprehensive high schools in Florida. Supervisors and teachers will be selected to serve as monitors, and forty students from each program area will serve as the sample population. It is hoped that, through the use of NOCTI instruments, the probability will be increased that vocational programs provide the skills that allow program completers to obtain, retain, and advance in an occupation. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

AR 79 0084

Catalog of Innovations.
Project Director: Hinley, W. Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL 32306
Descriptors: *Annotated Bibliographies, *Educational Innovation, Educational Programs, *Information Dissemination, *Program Descriptions, Program Evaluation, Program Validation, *Research Projects
Funding Period: Start Date 30 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2C21

The most significant new research projects in Florida will be identified by the Bureau of Research, Dissemination and Evaluation through occupational program directors and through the use of program review procedures. The identified projects will be visited by a staff member who will verify that the project is both exemplary and innovative and write an abstract, in a standard format, of the project. These abstracts will appear in a catalog which will be published to provide vocational education personnel with pertinent information regarding exemplary programs and to familiarize personnel with research projects which are influencing change in vocational education practices in Florida.

AR 79 0085

Catalog of Innovations.
Project Director: Hinley, W. Hugh
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL
Descriptors: *Annotated Bibliographies, *Demonstration Programs, *Educational Innovation, *Information Dissemination, *Program Descriptions, Program Evaluation, *Research Projects
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2C21

To provide Vocational Education personnel with pertinent information regarding exemplary programs and to familiarize personnel with research projects which are influencing change in vocational education practices in the state, outstanding projects identified through occuptional program directors and program review procedures will be visited by a project staff member to verify that the program is both exemplary and innovative in nature. The most significant new research projects, as identified by the Bureau of Research, Dissemination and Evaluation, will be abstracted and included in a catalog produced by Florida State University.

AR 79 0086

Competency-Based Vocational Education (CBVE) Curriculum Review Project.
Project Director: Hampton, Bill
Organization: Polk County School District, Bartow, Fla.
Address: Bartow, FL
Descriptors: Curriculum Development, Demonstration Programs, Instructional Materials, *Multimedia Instruction, *Performance Based Education, *Resource Materials, Secondary Education, Teaching Guides
Funding Period: Start Date 1 Jun 78; End Date 30 Sep 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 7-2D21

A model for adapting and developing curriculum materials for implementation of CBVE in a vocational technical center will be developed. From the nineteen programs at Ridge Vocational Technical Center (RVTC), three to five programs in most need of CBVE curriculum materials will be identified. For these programs commercial and non-commercial materials will be located, reviewed, and evaluated for suitability to use as resources for student learning guides at RVTC. For areas in which no suitable materials are found, resources will be developed with emphasis on nonprint, multi-sensory resources such as videotapes. The project will demonstrate the methodology of searching for and reviewing traditional vocational education curriculum materials, including multimedia and audiovisual materials, and adapting and converting them to CBVE materials to make them compatible with the instructional delivery system to be used in all vocational programs offered at RVTC.

AR 79 0087

Introduction of Solar Energy into Air Conditioning, Refrigeration and Heating Program.
Project Director: Couey, Ned
Organization: Walton Junior College, Niceville, Fla.
Address: Niceville, FL 32578
Descriptors: *Air Conditioning, Followup Studies, *Heating, Instructional Materials, Job Skills, Needs Assessment, *Paraprofessional Personnel, *Pilot Projects, Program Effectiveness, School Industry Relationship, *Solar Radiation, State of the Art Reviews, Teaching Methods, Technical Education, Vocational Retraining
Funding Period: Start Date 30 Jun 78; End Date 30 Sep 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 7-2D21

A research-based, pilot-tested component adding solar energy technology to existing heating and air conditioning technical programs will be developed. A state-of-the-art review, an advisory committee from the solar energy industry, and conferences with the Florida Solar Energy Commission will provide input about the latest innovations in specific application techniques. Supplemental training for experienced technicians will be provided; the progress of trainees and the effectiveness of the program will be monitored. To assure that the practical needs of industry are met, a close follow-up will be maintained.

AR 79 0088

Supplement to the Experience-Based Career Education (EBCE) Project at Manatee Junior College.
Project Director: Tinsley, B. R.
Organization: Manatee Junior Coll., Bradenton, Fla.
Address: P.O. Box 1849, Bradenton, FL 33506
Descriptors: *Career Education, *Experiential Learning, Junior Colleges, *Performance Based Education, Postsecondary Education, *Regional Programs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,125
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2D22

This funding will supplement the existing EBCE project at Manatee Junior College.

AR 79 0089

Supplement to the Experience-Based Career Education (EBCE) Project in Broward School District.
Project Director: McMichael, Anne
Organization: Broward County School Board, Fort Lauderdale, Fla.
Address: Fort Lauderdale, FL 33310
Descriptors: *Career Education, *Experiential Learning, *Performance Based Education, *Regional Programs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,125
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D11

This funding will supplement the existing EBCE project in Broward School District.

AR 79 0090

Supplement to the Experience-Based Career Education (EBCE) Project in Orange County.
Project Director: Megow, Robert
Organization: Orange County Public Schools, Orlando, Fla.
Address: 410 Woods Avenue, Orlando, FL 32802
Descriptors: *Career Education, *Experiential Learning, *Performance Based Education, *Regional Programs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,625
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D11

This funding will supplement the existing EBCE project in Orange County.

AR 79 0091

Supplement to the Experience-Based Career Education (EBCE) Project in Pinellas County.
Project Director: Hunt, Myrtle
Organization: Pinellas County District School Board, Clearwater, Fla.
Address: 1895 Gulf to Bay Boulevard, Clearwater, FL 33516
Descriptors: *Career Education, *Experiential Learning, *Performance Based Education, *Regional Programs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,200
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D11

This funding will supplement the existing EBCE project in Pinellas County.

AR 79 0092

Supplement to the Experience-Based Career Education (EBCE) Project in Pinellas County.
Project Director: Hunt, Myrtle
Organization: Pinellas County District School Board, Clearwater, Fla.
Address: 1985 Gulf to Bay Boulevard, Clearwater, FL 33516
Descriptors: *Career Education, *Experiential Learning, *Performance Based Education, *Regional Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,125
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1D12

This funding will supplement the existing EBCE project in Pinellas County.

Curriculum Development (Sec. 133)

AR 79 0093

Curriculum Development.
Project Director: Keller, Joseph
Organization: Brevard Community College, Cocoa, Fla.
Address: Cocoa, FL
Descriptors: *Educational Objectives, *Educational Programs, *Followup Studies, Occupational Clusters, *Performance Criteria, *Program Planning, School Industry Relationship, *Skill Analysis, Skill Development
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $33,161
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2E21

Performance levels for five selected occupational areas will be developed through industry involvement to improve on-the-job performance by program completers. Systems will be developed for acquiring feedback from employers and program graduates regarding job performance, identifying job-related skills, developing occupational output criteria, and assessing student attainment in the five areas. Project staff will conduct a five-day training program for staff and employer representatives to delineate procedures for establishing minimum competencies and to identify entry-level reading, writing, and computational skills in the five areas to be used for curricular modification and follow-up studies.

AR 79 0094

Curriculum Development.
Project Director: Wetherall, T. K.
Organization: Daytona Beach Community College, Fla.
Address: Daytona Beach, FL
Descriptors: Academic Achievement, *Basic Skills, Educational Objectives, Employer Attitudes, Evaluation Methods, *Feedback, *Graduates, Job Skills, Occupational Clusters, *Performance Criteria, Reading Skills, School Industry Relationship, *Skill Analysis, Writing Skills
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $27,663
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1E11

Performance levels for four selected occupational areas will be developed through industry involvement to improve on-the-job performance by program completers. Systems will be developed for acquiring feedback from employers and program graduates regarding job performance, identifying job-related skills, developing occupational output criteria, and assessing student attainment in the four areas. Project staff will conduct a five-day training program for staff and employer representatives to delineate procedures for establishing minimum competencies and to identify entry-level reading, writing, and computational skills in the four areas to be used for curricular modification and follow-up studies.

AR 79 0095

Curriculum Development.
Project Director: Mattson, Edward
Organization: Hillsborough Community College, Tampa, Fla.
Address: Tampa, FL
Descriptors: *Basic Skills, Educational Objectives, *Educational Programs, Evaluation Methods, *Followup Studies, Occupational Clusters, *Performance Criteria, Reading Skills, School Industry Relationship, *Skill Analysis, *Skill Development, Wholesaling, Writing Skills
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $17,779
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2E21

Performance levels for the occupational area of wholesale distribution will be developed through industry involvement to improve on-the-job performance by program completers. Systems will be developed for acquiring feedback from employers and program graduates regarding job performance, identifying job-related skills, developing occupational output criteria, and assessing student attainment in the occupational area. Project staff will conduct a five-day training program for staff and employer representatives to delineate procedures for establishing minimum competencies and to identify entry-level reading, writing, and computational skills in the occupational area to be used for curricular modification and follow-up studies.

AR 79 0096

Curriculum Development.
Project Director: Mehallis, George

Organization: Miami-Dade Community College, Fla.
Address: Miami, FL
Descriptors: *Basic Skills, Educational Objectives, *Educational Programs, Employer Attitudes, *Followup Studies, Graduate Surveys, Occupational Clusters, *Performance Criteria, Reading Skills, School Industry Relationship, *Skill Development, Student Attitudes, Writing Skills
Funding Period: Start Date 1 Nov 78; End Date 30 June 79
Fiscal Year Funding: $16,651
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2E21

Performance levels for three selected occupational areas will be developed through industry involvement to improve on-the-job performance by program completers. Systems will be developed for acquiring feedback from employers and program graduates regarding job performance, identifying job-related skills, developing occupational output criteria, and assessing student attainment in the three areas. Project staff will conduct a five-day training program for staff and employer representatives to delineate procedures for establishing minimum competencies and to identify entry-level reading, writing, and computational skills in the three areas to be used for curricular modification and follow-up studies.

AR 79 0097

Curriculum Development.
Project Director: Walker, Noojin
Organization: Pensacola Junior College, Fla.
Address: Pensacola, FL
Descriptors: *Basic Skills, Educational Objectives, *Educational Programs, *Evaluation Methods, *Followup Studies, Job Skills, *Minimum Competency Testing, Occupational Clusters, *Performance Criteria, Reading Skills, *Skill Development, Writing Skills
Funding Period: Start Date 1 Nov 78; End Date 30 June 79
Fiscal Year Funding: $54,746
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2E21

Performance levels for thirteen selected occupational areas will be developed through industry involvement to improve on-the-job performance by program completers. Systems will be developed for acquiring feedback from employers and program graduates regarding job performance, identifying job-related skills, developing occupational output criteria, and assessing student attainment in the thirteen areas. Project staff will conduct a five-day training program for staff and employer representatives to delineate procedures for establishing minimum competencies and to identify entry-level reading, writing, and computational skills in the thirteen areas to be used for curricular modification and follow-up studies.

AR 79 0098

Florida Educators' Information Service.
Project Director: Lathrop, Robert
Organization: Florida State Univ., Tallahassee
Address: Tallahassee, FL
Descriptors: Administrative Personnel, Curriculum Research, *Educational Resources, *Information Dissemination, *Information Retrieval, *Information Services, *Instructional Materials, Material Development, Performance Based Education, Program Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $124,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-1E15

Vocational instructors, supervisors, administrators, and division personnel will be given information and access to research and instructional materials developed in Florida and elsewhere through this project. Vocational educators will be assisted in obtaining the most recent information on research, evaluation, and development of instructional materials, as well as in developing and installing competency-based vocational programs and courses. Project staff will provide a searching service to vocational personnel to identify materials, assist them in acquiring copies of desired materials, including microfiche, and assist curriculum developers in conducting indepth searches and obtaining desired materials.

AR 79 0099

Vocational-Technical Education Consortium of States (V-TECS) (Continuation).
Organization: Florida Agricultural and Mechanical Univ., Tallahassee
Address: Tallahassee, FL 32307
Descriptors: Behavioral Objectives, Catalogs, Check Lists, Commercial Art, *Criterion Referenced Tests, Farm Mechanics (Occupation), Homemaking Education, Medical Laboratory Assistants, *Performance Based Education, Performance Criteria, Seamstresses, Secondary Education, Task Performance, Technical Assistance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $75,000
Sponsoring Agency: Florida State Dept. of Education, Tallahassee
Contract and/or Control No.: 9-2E21

A catalog of performance objectives, performance guides, and tool/equipment lists for jobs in custom dressmaking, certified laboratory assistant, homemaker, farm equipment-mechanic, and commercial art layout will be developed in this project. The catalogs will be designed to provide valid and accurate descriptions of the skills required for successful job performance in the world of work, enhance program accountability, and provide necessary information for competency-based curriculum development. State-of-the-art studies will be conducted for each catalog and domain reports will be developed. Incumbent workers will be surveyed to unify and verify the tasks performed. Objectives will be developed based on these verified tasks. Each catalog will be field tested and a final, revised version of each catalog will be prepared.

GEORGIA

Research (Sec. 131)

AR 79 0100

Adapting Existing Group-Structured Curriculum at Augusta Area Technical School to a Performance-Based Curriculum Geared to the V-TECS Catalog (Continuation).
Project Director: Powell, Raymond C.
Organization: Augusta Area Vocational-Technical School, Ga.
Address: 2025 Lumpkin Road, Augusta, GA 30906
Descriptors: *Behavioral Objectives, Curriculum Development, *Delivery Systems, *Instructional Systems, *Media Selection, *Performance Based Education, Postsecondary Education
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $24,000
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract and/or Control No.: C 028

A model for adapting existing group-structured curriculum to performance-based curriculum will be refined, and approximately fifteen percent of the program offered at Augusta Area Technical School will be revised, updated, and converted to a performance-based instructional delivery system based on the V-TECS catalogs. A project steering committee will be appointed within the school, and three pilot programs will be selected for implementing a multi-media, self-paced instructional system. Materials for the three pilot programs will be acquired, developed, and revised that will eliminate sex bias and can be used with disadvantaged and handicapped students. A model management system will be developed and implemented for self-paced, performance-based instruction.

AR 79 0101

Membership in the Vocational-Technical Education Consortium of States (V-TECS) (Continuation).
Project Director: Childers, Bob
Organization: COEI, Atlanta, Ga.
Address: 795 Peachtree Street, NE, Atlanta, GA 30308
Descriptors: Articulation (Program), *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Postsecondary Education, Secondary Education, *Task Performance, Technical Assistance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Georgia State Dept. of Education, Atlanta

Job-specific catalogs of performance objectives and performance guides will be produced at greatly reduced costs and articulation will be established between secondary and postsecondary programs as a result of Georgia's membership in V-TECS. Quality control and technical assistance will be provided in developing catalogs and guides and in applying the performance objectives to develop and revise curriculum. Central office approval will be required for specified interim products and final catalogs. Periodic board meetings will be held. New state consortium personnel will be trained and all personnel informed of changes in production procedures and requirements.

AR 79 0102

Self-Paced, Competency-Based Curriculum for the Secondary Level Electro-Mechanical Cluster and a Postsecondary Air-Conditioning Program.
Organization: Georgia Univ., Athens
Address: Athens, GA
Descriptors: *Articulation (Program), Curriculum Development, *Electrical Occupations, Instructional Materials, Learning Modules, *Performance Based Education, Postsecondary Education, *Refrigeration Mechanics, Secondary Education, Teaching Guides
Funding Period: Start Date 15 Sep 78; End Date 15 Feb 80
Fiscal Year Funding: $85,000
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract and/or Control No.: C-094

A task continuum with accompanying instructional materials will be developed as a base for an articulated curriculum between secondary and postsecondary levels. Tasks will be identified, validated, and sequenced following a review of literature and occupational analysis. Performance objectives will be written for use in developing learning modules, activities and teaching guides. Accompanying instructional materials, including student-written materials, slides and audiotapes, and a script/story board will be field tested and delivered along with a bibliography of all references and sources used. The curriculum will be implemented in twenty-nine postsecondary and seventy-five secondary programs in the state.

AR 79 0103

Third Year of a Project to Develop a Model Comprehensive High School with an Emphasis on Community-Based Vocational Education Programs.
Project Director: Roach, Bill
Organization: Glynn County Schools, Brunswick, Ga.
Address: Brunswick, GA 31520
Descriptors: Business Education, Communications, *Community Resources, Comprehensive High Schools, Cooperative Education, *Educational Alternatives, Experiential Learning, Grade 11, Grade 12, Individualized Instruction, *Job Skills, *Learning Modules, Legal Education, Public Service Occupations, School Community Relationship, Senior High Schools, *Student Evaluation, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $57,636
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract and/or Control No.: C 027

An alternative to the Georgia comprehensive high school will be provided and schools which cannot expand their facilities will be enabled to offer vocational programs as a result of this project. Objectives are to provide (1) an opportunity for juniors and seniors to gain entry-level job skills under the guidance of a worker in commuity experience sites in lieu of school-based laboratory shop experiences; (2) assessment services which indicate a student's abilities, attitudes, and interests; (3) instruction in job-related vocational skills and attitudes by specialists in the fields of public services, law/justice, communications/media, and business/management; and (4) academic learning activities coordinated with the student's needs as required on the job site. An operational procedure manual and complete learning packages in each of the four clusters will be developed.

Curriculum Development (Sec. 133)

AR 79 0104

Development of Performance Objectives and Criterion-Referenced Measures for Vocational Programs (Continuation).
Project Director: O'Kelley, George
Organization: Georgia Univ., Athens. Div. of Vocational Education
Address: Athens, GA 30602
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, Curriculum Development, *Performance Based Education, Performance Criteria, Radiographers, Secondary Education
Identifiers: *Radio Communications Technician, *Vocational Technical Education Consortium States
Funding Period: Start Date 2 Oct 78; End Date 28 Dec 79
Fiscal Year Funding: $54,997
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract and/or Control No.: C-090

Sixty camera-ready copies of each of two V-TECS catalogs, one for radiographic and another for radio communications technicians, will be produced. A state-of-the-art review will be conducted, an occupational survey will be developed and administered, and survey data will be converted into performance objectives and performance guides.

AR 79 0105

Membership in the American Association for Vocational Instructional Materials Consortium.
Project Director: Paraday, Harold
Organization: American Association for Vocational Instructional Materials, Athens, Ga.

Address: Athens, GA 30602
Descriptors: *Agriculture, Catalogs, Curriculum Development
Identifiers: *American Assn Vocational Instructional Materials
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Georgia State Dept. of Education, Athens

Project monies will provide for Georgia's membership in the American Association for Vocational Instructional Materials consortium. Membership will entitle state and local education agencies to reduced rates on curriculum materials in the areas of industrial arts, agriculture, and trade and industrial education and make possible access to catalogs of materials and performance-based teacher education modules.

HAWAII

Exemplary and Innovative (Sec. 132)

AR 79 0106

Career Explorations Project for Industrial Arts (CEPIA) (Continuation).
Project Director: Masuhara, John
Organization: Hawaii State Dept. of Education, Hilo
Address: Hawaii District Office, Hilo, HI
Descriptors: Career Choice, *Career Education, *Career Exploration, *Industrial Arts, *Instructional Materials, Junior High Schools, *Material Development, Occupational Choice, *Occupational Information
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $16,288
Sponsoring Agency: Hawaii State Dept. of Education, Hilo
Contract and/or Control No.: 79-S-1

Phase II of this three-phase project will continue the effort to provide career exploration activities for students enrolled in industrial arts at the intermediate level. Specific goals of this phase are to identify, select, develop, and test instructional materials.

AR 79 0107

Development of Self-Instructional Modules for Tour-Conducting Classes.
Project Director: Paglinawan, Lynette
Organization: Windward Community Coll., Kaneohe, Hawaii
Address: Kaneohe, HI 96744
Descriptors: *Audiovisual Aids, *Autoinstructional Aids, Community Colleges, *Learning Modules, Postsecondary Education, *Tourism
Identifiers: *Tour Conductors
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 78
Fiscal Year Funding: $4,522
Sponsoring Agency: Hawaii State Dept. of Education, Honolulu

Self-instructional modules with accompanying audiovisual aids (slides and scripts) will be developed for a class in tour conducting. The completed modules will allow students to make up classes missed due to work schedule conflicts or selectively review specific classes. The modules will also be used to substitute for field trips on days when the weather is inclement.

AR 79 0108

Provide Vocational Exploratory Experiences to College Dropouts and Potential Dropouts.
Project Director: Mayer, Frederick R.
Organization: Kauai Community Coll., Hawaii
Address: Kauai, HI 96766
Descriptors: Auto Body Repairmen, Auto Mechanics (Occupation), Career Awareness, *Career Exploration, Carpenters, Community Colleges, *Dropout Prevention, *Dropouts, *Postsecondary Education, Potential Dropouts, Welders
Funding Period: Start Date 1 Jun 78; End Date 31 Oct 78
Fiscal Year Funding: $4,600
Sponsoring Agency: Hawaii State Dept. of Education, Honolulu

Community-college students who are college dropouts, potential dropouts, or undecided about career preparation will be served by this project. An exemplary program will be designed in which instructors in the regular automotive technology, automobile body repair, carpentry, and welding programs will each provide two weeks of instruction to the identified students.

Curriculum Development (Sec. 133)

AR 79 0109

Developing Aquaculture Lesson Units for the Agriculture Curriculum.
Project Director: Hatakeyama, Thomas G.
Organization: Department of Education, Honolulu, Hawaii
Address: Honolulu, HI
Descriptors: *Agricultural Education, Curriculum Development, *Educational Strategies, Secondary Education, *Summer Workshops, Teaching Methods
Identifiers: *Aquaculture, Ponds
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Hawaii State Dept. of Education, Honolulu
Contract and/or Control No.: 79-S-4

To provide secondary students with a knowledge of and skills in aquaculture, project staff will develop curriculum materials after researching, surveying, and collecting appropriate literature; plan and construct sample testing pond facilities and equipment at three schools; conduct a summer workshop in which agriculture teachers can review the curriculum materials; solicit input on the materials from industry and postsecondary educational institutions; and test, refine, and print the resulting curriculum and teaching strategies.

AR 79 0110

Implementing a Basic Business Vocabulary in Clerical Courses.
Project Director: Arimoto, Jane
Organization: Aiea High School, Hawaii
Address: Aiea, HI
Descriptors: *Business Education, Curriculum Development, *Instructional Materials, Secondary Education, *Teaching Methods, Typewriting, *Vocabulary Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $4,000
Sponsoring Agency: Hawaii State Dept. of Education, Honolulu
Contract and/or Control No.: 79-S-3

Materials and strategies for teaching secondary-level basic business vocabulary that will serve as the foundation for typing and other business courses will be designed for teachers of introductory business education courses. A list of basic business vocabulary will be developed by researching library materials and comparing classroom textbooks, utilizing the Hawaii Educational Dissemination and Diffusion System, and surveying the Hawaii Business Educational Association. The teaching method will emphasize learning vocabulary through exercises in content clues, structural analysis, and advanced organizers. Pre- and posttests developed as part of this project will be administered to students in beginning typing classes; the results of these tests and a follow-up study of students will be used to further develop curriculum materials.

AR 79 0111

Investigating Careers in Digital Electronics.
Project Director: Ikei, Wallace
Organization: Kalani High School, Honolulu, Hawaii
Address: Honolulu, HI
Descriptors: Career Development, Curriculum Development, *Electronic Technicians, *Instructional Materials, Senior High Schools, *Teaching Methods
Identifiers: *Digital Electronics
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Hawaii State Dept. of Education, Honolulu
Contract and/or Control No.: 79-S-2

This three-phase project will produce curriculum materials and strategies to augment the existing electronic courses in the IV Electronic Technology I and PIP Electrical Technology II programs at Kalani High School. Specifically, the objectives are to (1) provide learning experiences in digital electronics, (2) expand the career development experiences in electrical and electronics occupations by providing job tasks and laboratory assignments typical of the digital electronics industry, (3) identify and interrelate the goals of the two programs in order to improve the curriculum in those programs and (4) provide career preparation through occupational experiences in these two programs for students with different interests, aptitudes, and abilities.

IDAHO

Research (Sec. 131)

AR 79 0112

Assessment of the Needs of Trade and Industrial/Technical Teachers in Secondary and Postsecondary Vocational Schools in Idaho.
Project Director: Taylor, Cleve
Organization: Idaho Univ., Moscow
Address: Moscow, ID 83843
Descriptors: Data Analysis, *Educational Needs, *Needs Assessment, Postsecondary Education, Secondary Education, Surveys, *Teaching Skills, *Trade and Industrial Teachers
Funding Period: Start Date 15 Oct 78; End Date 1 Jun 79
Fiscal Year Funding: $1,813
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: R-17-79

To determine the educational needs of trade and industrial/technical teachers in approved vocational programs in order to plan inservice teacher eduction activities, project staff will develop a survey instrument; administer it by mail to a sample of local directors, principals, superintendents, and teachers; and analyze the data in terms of demographic variables. The survey will assess (1) the importance, extent, use, and perceived self-competency of selected roles and competencies identified as necessary for effective teaching; (2) the extent of agreement with present certification requirements: and (3) the need for occupational competency upgrading. The final project report will include conclusions and recommendations for meeting the identified needs.

AR 79 0113

Comparison of Basic Competencies for Entry-Level Vocational Home Economics Teachers in the State of Idaho.
Project Director: Condie, Helen; Gebo, Emma M.
Organization: Idaho State Univ., Pocatello
Address: P.O. Box 8081, Pocatello, ID 83209
Descriptors: *Ability Identification, Data Analysis, Data Collection, *Home Economics Teachers, Information Dissemination, *Performance Based Teacher Education, *Preservice Education, Skill Analysis, Surveys, *Teacher Certification, *Teaching Skills
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,989
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: R-20-79

Basic competencies of beginning vocational home economics teachers will be identified and compared as perceived by home economics teachers, administrators, recent pre-service home economics graduates, present and former vocational home economics high school students, and parents of vocational home economics students in Idaho. Project staff will develop, disseminate, tabulate, and analyze results of survey instruments administered to the identified populations. Survey results will be compared with findings reported in the May 1978 research project to identify basic competencies needed by entry-level vocational home economics teachers and compile them in a handbook. The handbook will be disseminated to Idaho State Vocational Education personnel and Idaho home economics teacher training institutions to update pre-service and inservice programs.

AR 79 0114

Multi-State Consortium Proposal on Energy Education.
Project Director: Selland, Larry
Organization: Idaho State Board of Vocational Education, Boise
Address: 650 West State Street, Boise, ID 83720
Descriptors: *Consortia, Consultants, *Cooperative Planning, *Energy, *Program Proposals
Funding Period: Start Date 2 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: R-21-79

A multi-state consortium will be organized with representatives from Alaska, Idaho, Montana, Oregon, Utah, Wyoming, and Washington to develop a proposal that will generate funds and support to continue energy education and expand to provide assistance to people preparing for careers in energy education. A meeting will be held in Portland, Oregon to organize the consortium, engage a consultant to assist in writing the proposal, and develop all preliminary drafts of the proposal. The consultant will complete the final draft, which will be submitted to U.S. government agencies for funding of energy related activities in the consortium states.

AR 79 0115

Status Report of Special Needs Preparation of Vocational Teachers in Idaho.
Project Director: Ramsey, Bette
Organization: Idaho State Univ., Pocatello
Address: Pocatello, ID 83209
Descriptors: *Inservice Teacher Education, *Secondary School Teachers, *Special Education, Surveys, *Teacher Attitudes, *Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $280
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: R-22-79

Secondary vocational teachers in Idaho will be surveyed to determine attitudes toward special needs endorsement and other inservice or preservice preparation to teach special needs students. Baseline data will be used for future research, planning, and teacher education programs. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

AR 79 0116

Career Placement.
Project Director: Nixon, Bert W.
Organization: Snake River School District 52, Blackfoot, Idaho
Address: Blackfoot, ID
Descriptors: Career Planning, Decision Making, *Dropouts, *Employment Opportunities, *Handicapped Students, Job Application, *Job Placement, *Job Search Methods, Occupational Choice, Occupational Information, Program Coordination, Regional Planning, Secondary Education, Secondary School Students, *Youth Employment
Funding Period: S[illegible] Date 1 Sep 78; End Date 1 Jun 79
Fiscal Year Fund[illegible] $10,000 (Charged to FY 1978)
Sponsoring Age[illegible] Idaho State Dept. of Education, Boise
Contract and/or [illegible]ol No.: E-27-78

A multi-distri[illegible]stematic method of providing career placement services to secondary st[illegible]nts will be demonstrated. An awareness of the services offered and the [illegible]se by students in achieving personal occupational goals will be created. The program, providing assistance through a centralized placement center, will serve all in-school youth aged sixteen and over; all handicapped and special needs youth, including special education students, to the age of twenty-one; students seeking part-time employment in order to stay in school; and students who have left school seeking full-time jobs. Those students served will be able to conduct self-assessments, make career decisions, plan careers, complete personal resumes and job applications neatly and accurately, demonstrate job-interviewing skills, and have knowledge of the processes and resources available in locating jobs. The placement efforts of ongoing cooperative vocational education programs will be coordinated, as will the youth services of various agencies including the Department of Employment, Vocational Rehabilitation, and community service groups.

AR 79 0117

Forestry/Ranching.
Project Director: Shereck, James E.
Organization: Salmon School District 291, Idaho
Address: P.O. Box 790, Salmon, ID 83467
Descriptors: *Agricultural Education, *Agricultural Occupations, Conservation Education, Curriculum Development, Fire Science Education, *Forestry Occupations, Horticulture, *Instructional Programs, Lumber Industry, Plant Science, *Program Development, Secondary Education
Identifiers: *Ranching Occupations
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79

Fiscal Year Funding: $38,777
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: E-32-79

This agricultural program will provide Idaho secondary students with instruction in such areas as forestry management, conservation, and fire control, and lumber grading and the lumber industry in general; and the ranching industry. Students will receive classroom instruction in land survey, aerial photographs, types of vegetation for different soils, fertilizers and herbicides, principles of nutrition and feeds and feeding, and mechanical skills needed in the forestry and ranching industry. Students will receive classroom instruction and observe actual forestry and ranching operations. The program, closely supervised by the local administration and the state department of vocational education, will produce a written course of study that can be used by other Idaho schools which have a similar type of land.

AR 79 0118

Individualized Business Education Laboratory (IBEL) (Continuation).
Organization: Burley School District 151, Idaho
Address: Burley, ID
Descriptors: *Business Education, *Business Education Facilities, *Business Skills, *Individualized Instruction, Individual Needs, Instructional Materials, *Learning Laboratories, Multimedia Instruction, Office Machines, *Program Development, Senior High Schools, Skill Development
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: E30

Phase III of this project is intended to meet the needs of vocational business education students through the expanded development of an individualized business education lab (IBEL). The project will explore (1) methods of presenting word processing instruction on an individualized basis and (2) data entry instruction. Curriculum materials will be purchased, adapted, and developed so that they present the word processing concept on an individualized basis. Existing equipment, purchased in Phases I and II, plus additional equipment requested for Phase III, will be used. The main product of the project will be a thorough summary of recommendations for implementation of similar projects in the state. This will include recommendations for use of carrels, rating of instructional packages, changes to make the IBEL more effective, necessary equipment problems that should be avoided, and other related suggestions that could provide improved office occupations instruction.

AR 79 0119

Nutrition for Disadvantaged (Continuation).
Project Director: Wesche, Marjorie
Organization: Nampa Senior High School, Idaho
Address: Nampa, ID 83651
Descriptors: Career Awareness, Curriculum Development, *Disadvantaged Youth, Eating Habits, Elementary School Teachers, Elementary Secondary Education, *Foods Instruction, High School Students, *Home Economics Education, Instructional Materials, Nutrition, *Nutrition Instruction, *Peer Teaching, *Resource Units, Unit Plan
Funding Period: Start Date 15 Aug 76; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: E-26

A booklet of nutrition units identifying concepts, objectives, activities, and resources, as well as pre- and posttests and other materials useful to high school homemaking teachers wishing to use peer teaching techniques in their nutrition instruction, will result from this project. Both senior high and elementary students will be involved in the project. Senior high homemaking students will study teaching methods, nutrition, and job opportunities, and will teach elementary school pupils under direction of the project coordinator. Students are expected to benefit by gaining an understanding of ethnic meal patterns, growing socially, increasing their vocabulary, developing better eating habits, understanding the use of food, obtaining information on nutrition and nutrition-related jobs, and learning about food handling and its relationship to the preservation of nutrients. The project will provide a transferrable model for other secondary schools in Idaho.

AR 79 0120

Satellite Operating Room Technology (Continuation).
Organization: Boise State Univ., Idaho
Address: Boise, ID
Descriptors: *Clinical Experience, Correspondence Courses, Decentralized School Design, Educational Innovation, *Experiential Learning, *Interinstitutional Cooperation, *Medical Services, Nursing, On the Job Training, Postsecondary Education, *Program Coordination, *Satellite Laboratories, Surgery, *Surgical Technicians, Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,473
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: E-31

In order to provide well-informed, competent instructors to better train operating room technicians in small hospitals, this project will provide for the teaching of sixty units or contracts including orientation to operating room technology, human anatomy and physiology, sterilization and disinfection, care of the patient in surgery, principles of operating room technology, surgical procedures, and coordinated hospital activities. Students from areas around Boise will spend eight weeks at Boise State University (BSU) learning the theory of operating room technology. Students will then return to their areas for clinical experience and to continue their study of theory. BSU instructors will serve as resource persons and contact students by mail, by telephone, and in person to help them complete the remaining theory and clinical requirements. This program will enable six students who cannot afford to spend an entire year studying in Boise to enroll and graduate with entry-level skills, and will provide a model for developing similar programs in other locations in Idaho.

AR 79 0121

Therapy Technician Assistant (Continuation).
Organization: Eastern Idaho Vocational-Technical School, Idaho Falls
Address: Idaho Falls, ID
Descriptors: *Clinical Experience, Emotionally Disturbed, *Experiential Learning, Medical Services, Mental Illness, *Paramedical Occupations, *Paraprofessional Personnel, Patients (Persons), Skill Development, *Therapists
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,400
Sponsoring Agency: Idaho State Dept. of Education, Boise
Contract and/or Control No.: E-29

The fourteen graduates of the program proposed in this project will be able to successfully enter the job market at the entry level as therapy technician assistants. Students will be trained in motivating mentally ill and emotionally disturbed patients to develop self-help, self-care, and social skills. Students will learn to observe and record significant human behavior, provide basic physical care, develop interpersonal relationships with patients, and reinforce appropriate behavior. In addition to classroom theory, clinical experience will expose students to all units at the State Hospital South of Blackfoot, the Good Samaritan Nursing Home, the Child Development Center, the Developmental Workshop, the Alcohol Rehabilitation Association, and the Youth Service Center in St. Anthony.

ILLINOIS

Research (Sec. 131)

AR 79 0122

Assessing Impact of Vocational-Technical Research.
Project Director: Evans, Rupert N.
Organization: Illinois Univ., Urbana. Board of Trustees
Address: 188 Education Building, Urbana, IL 61801
Descriptors: Case Studies (Education), *Educational Assessment, *Educational Change, *Educational Research, *Program Effectiveness
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $45,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-166

This project will (1) define the term "impact" in relation to vocational education research, (2) determine how to assess impact, and (3) determine how to show a cause-and-effect relationship between activities and changes in vocational education teaching and learning relationships. Techniques, including assessment, recognition, and facilitation of potential and actual impact, will be developed and disseminated to concerned educators and researchers. Project staff will (1) review literature on the impact of research and development programs and projects in Illinois; (3) conduct a series of one-day brainstorming sessions to obtain ideas of how to attack the three major problems listed above; (4) prepare studies of project and programs which identify measures of impact, factors facilitating and hampering impact, factors facilitating and hampering recognition of impact, and factors facilitating and hampering linkages from one level to another; and (5) prepare recommendations for research administrators which suggest means of assessing potential impact, assessing actual impact, facilitating impact, and facilitating recognition of impact.

AR 79 0123

CARE Kit: Revised and Disseminated.
Project Director: Blair, Diane
Organization: Eastern Illinois Univ., Charleston
Address: Charleston, IL
Descriptors: Cooperative Education, Data Analysis, *Exceptional Persons, *Individualized Programs, *Information Dissemination, Instructional Improvement, Instructor Coordinators, *Job Search Methods, Learning Modules, *Material Development, Program Evaluation, Reading Level, Self Concept
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $40,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-181

This project will revise the CARE Kit, an individualized package designed to assist students in understanding themselves as well as in learning job-getting and job-seeking skills. In order to revise the kit, project staff will (1) determine, by examining evaluation data, as well as soliciting input from experienced cooperative education coordinating teachers, how the CARE Kit should be revised and the types of materials to be added; (2) design and develop the CARE Kit so that it can be written on three levels to make it more accessible than was the original kit; (3) work the DAVTE staff and the advisory committee; (4) test the materials with various types of students and make revisions; (5) print, package, and deliver to the East Central Curriculum Management Center 500 sets of materials, and (6) determine and use an appropriate dissemination system to distribute the revised kit to teachers of special needs students.

AR 79 0124

Comprehensive Information Program and Services for Vocational Education.
Project Director: Stromberg, Elden D.
Organization: ComUnigraph Inc., Springfield, Ill.
Address: 530 S. Grand West, Springfield, IL 62740
Descriptors: *Delivery Systems, *Graphic Arts, *Guidelines, *Information Dissemination, Layout (Publications), *Printing, *Publications, Reading Materials
Funding Period: Start Date 5 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $73,440
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-204

This public information project is intended to provide a coordinated delivery system to enhance and improve the state-wide image of vocational education. Specific project objectives are to (1) design, prepare, and produce a graphics standards handbook for the management of printed media by IOC/DAVTE which will contain guidelines for brochures, newsletters, reports and instructional products, journals, and other printed media; (2) develop, implement, and evaluate a state-wide public information program for vocational education which will include a users' handbook and public services announcements for vocational education; and (3) provide graphics and reproduction services (including consultation, concept development, planning, layout, design, writing, preparation of mock-ups, comprehensive drawings, specification of typography and printing, camera-ready finished art, mechanicals, keyline, color indicators, presentation materials, coordination or printing production, and printing and fabrication), to IOE/DAVTE for the development of vocational program materials. These objectives will be accomplished by reviewing existing IOE/DAVTE policies and procedures that relate to printed materials and media, conducting a literature review and summarizing findings into a basis for the information program, and coordinating the project's scope of work with IOE/DAVTE personnel.

AR 79 0125

Criteria for Instruction of the Handicapped.
Project Director: Evans, Rupert N.
Organization: Board of Trustees of the Illinois Univ., Urbana.
Address: 188 Education Building, Urbana, IL 61801
Descriptors: *Handicapped Students, *Job Training, *Skill Development, *Student Evaluation, *Student Needs, *Teaching Methods
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $45,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-164

Three principal questions will be addressed by this study: (1) What criteria are currently used for deciding if the handicapped are best taught a skill on-the-job or in a school-like setting? (2) How do these criteria vary with the type and severity of the handicap? and (3) How should these criteria and their use be modified to increase client competency and aid advancement throughout the continuum leading to employment and promotion? Project staff will interview pre-vocational, vocational, and on-the-job training personnel to determine which criteria are being used for choosing among existing programs, for designing new programs, and for determining entry to and exit from the training setting and will also interview handicapped persons who have been involved in on-the-job training or classroom and laboratory instruction to determine problems resulting from the type or instruction to which they have been assigned. Project staff will then develop and pilot test quantifications of all criteria identified. In addition to a final report of the project, a brief monograph designed for vocational education administrators, curriculum planners, corporate training directors, university instructors, and other interested professionals will be produced along with one or more articles in one or more professional journals.

AR 79 0126

Curriculum Guide: Business Education into the Eighties (Continuation).
Project Director: Alexander, Wilma Jean
Organization: Illinois State Univ., Normal
Address: Normal, IL 61761
Descriptors: *Access to Education, Accounting, Business Administration, *Business Education, Business Education Teachers, Clerical Occupations, *Curriculum Planning, Data Processing Occupations, *Information Dissemination, *Material Development, Secretaries, *State Curriculum Guides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $26,424
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-109

The state curriculum guide, "Business Education for the Seventies," will be revised and developed to (1) reflect the philosophy of business educators in Illinois, (2) reflect the changes in technology which have affected and will affect the business world, e.g., minicomputers and word processing units, (3) present the information in a format which can be updated at regular intervals through the 1980's to reflect changes, and (4) provide a guide which can serve

as a basis for equalizing educational opportunities in business education throughout Illinois. The project will disseminate the information to all prospective users of the guide. An advisory committee will be selected to review the materials for the following program areas: clerical and secretarial, data processing, accounting, word processing, and small business administration. A writing committee will work with a liaison editor to develop materials, and revisions will be made according to recommendations from the advisory committee and others. In the spring of 1980, after final revision, regional meetings in the form of one-day seminars will be held to disseminate the materials. Copies of the guide will be made available through the clearinghouse on a cost-recovery basis.

AR 79 0127

Design and Reproduction of Program Materials for Adult, Vocational, and Technical Education.

Project Director: Stromberg, Elden D.
Organization: ComUnigraph Inc., Springfield, Ill.
Address: 530 South Grand West, Springfield, IL 62704
Descriptors: Adult Education, *Ancillary Services, Layout (Publications), Material Development, Printing, *Production Techniques, *Publications, *Reprography, Technical Education
Funding Period: Start Date 17 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $17,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-156

This project will provide DAVTE with appropriate design, graphics, and production services for developing materials and publications to improve the delivery of vocational education.

AR 79 0128

Development and Validation of Standards for Teacher Education in Agriculture.

Project Director: Hemp, Paul; Swanson, Burton
Organization: Illinois Univ., Urbana
Address: Urbana, IL 61801
Descriptors: Accreditation (Institutions), Higher Education, Postsecondary Education, Program Evaluation, Program Validation, *State Standards, *Teacher Education, *Teacher Improvement, *Vocational Agriculture Teachers
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $9,104
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-251

Cooperating teachers, teacher educators, and state staff will be involved in identifying, reviewing, and rating standards for teacher education in agriculture. Teacher education staff from the University of Illinois, Illinois State University, Southern Illinois University, and Western Illinois University will be involved. Project activities will include (1) preparing a tentative list of standards from the national list and other sources, (2) securing ratings of standards by cooperating teachers and teacher educators, (3) summarizing and comparing the ratings from the participating institutions and state staff, and (4) meeting with consultants at the four teacher education institutions to prepare the final list of standards. The report will provide recommended standards for teacher education programs in agriculture which will be useful as criterion measures in program evaluation.

AR 79 0129

Development of a Programmatic Emphasis in Vocational Special Needs.

Project Director: Kazanas, H. C.
Organization: Illinois Univ., Urbana. Board of Trustees
Address: Urbana, IL 61801
Descriptors: College High School Cooperation, *Disadvantaged Youth, *Handicapped Students, *Models, *Program Development, *Special Education, *Teacher Education, Vocational Rehabilitation
Funding Period: Start Date 25 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $30,721
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-117

A developmental model of programmatic emphasis on special needs for vocational teacher education consisting of instruction, service, and research in vocational and technical education will be implemented and tested to help vocational and special needs educators work more effectively with disadvantaged and handicapped learners. The project will also establish a linkage among and between vocational education, special education, and vocational rehabilitation personnel at the university, state, and local levels. A final report will be written.

AR 79 0130

Development of a Public-Supported Educational Program for Young Farmers and Agribusiness Persons in Illinois (Continuation).

Project Director: Breece, H. Edward
Organization: Western Illinois Univ., Macomb
Address: Macomb, IL 61455
Descriptors: *Agribusiness, *Agricultural Occupations, Educational Programs, Inservice Programs, *Instructional Materials, *Material Development, Multimedia Instruction, *Program Development, Vocational Agriculture Teachers, *Young Farmer Education
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $10,450
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-127

To develop a quality Young Farmer Program which could be used to meet the educational needs of all young agriculturists in Illinois, this phase of a three-phase project will attempt to accomplish three objectives. First, project staff will revise and update existing educational materials and develop new ones for each agricultural occupations department in Illinois which can be used to explain the importance and purposes of the Young Farmer Program to instructors and young agriculturists. These materials will be disseminated as part of a kit for each agricultural occupations department in the state during sectional-level workshops which will be held during Phase III of the project. Second, project staff will develop educational materials for each agricultural occupations department in the state to orient instructors and other interested persons on how to organize, develop, and conduct a Young Farmers Program. These materials will also be disseminated as part of a kit at the workshops. Third, project staff will purchase several copies of a quality slide and tape presentation on the Young Farmer Program and make them available to agricultural occupations instructors and other interested persons on a loan basis. The slide and tape presentation will be used at the workshops. All educational materials, revised and developed during Phase II of this project, will be evaluated and further revisions made as appropriate before being included in the kit.

AR 79 0131

Development of a System for Planning, Facilitating, Monitoring, Utilizing and Evaluating R&D Activities.

Project Director: Wentling, Tim
Organization: Illinois Univ., Urbana
Address: Urbana, IL 61801
Descriptors: *Information Dissemination, Needs Assessment, *Program Development, *Program Evaluation, *Program Planning, *Systems Approach
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $27,807
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-246

An exemplary dissemination technique for sharing research and development experiences and findings will be initiated in this project to improve the efficiency and efficacy of research and development activities in Illinois. A state-wide steering committee will assess structures and systems for research and development management; determine the needs of RDS, DAVTE personnel in managing research and development; develop a system for planning, facilitating, monitoring, utilizing, and evaluating research and development; and develop alternatives for putting the system into operation. A guide to the state system will be printed; a review of research and development will be developed, duplicated, and disseminated; a university model for research and development management will be conceptualized; and a guide for implementation of the research and development management model within other state universities will be prepared.

AR 79 0132

Development of an Information Base and Exchange System for the Improvement of Industrial-Oriented Programs In Illinois–Phase I.

Project Director: Tomlinson, Robert M.
Organization: Illinois Univ., Urbana
Address: Urbana, IL 61801
Descriptors: *Data Bases, *Industrial Education, *Information Networks, *Information Systems, Interagency Cooperation, Needs Assessment, *Systems Development
Funding Period: Start Date 15 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $20,887
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-169

An industrial education information base and exchange system will be developed for use by DAVTE, teacher education institutions, LEAs, industrial education associations, and others for improving industrial-oriented programs in Illinois. The information system will focus on the supply and demand for

teachers and the identification of program needs. Phase I of the project will explore existing data systems, conduct initial system development, and produce a report describing the approach for developing the system. The initial industrial-oriented teacher supply and demand information bases and the teacher and teaching position information bases for planning and meeting needs will be developed and operationalized in Phase II and III.

AR 79 0133

Development of Curriculum Resource Guides for New and Emerging Occupations in Illinois.

Project Director: Katz, Douglas S.; Spetz, Sally H.
Organization: CONSERVA, Inc., Raleigh, N.C.
Address: 401 Oberlin Road, Suite 112, Raleigh, NC 27605
Descriptors: Curriculum Development, *Curriculum Guides, *Educational Resources, *Information Dissemination, Instructional Materials, *Occupational Information, *Resource Guides
Identifiers: *Emerging Occupations
Funding Period: Start Date 15 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $42,570
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-206

To develop curriculum resource guides for seven new and emerging occupations, project staff will (1) locate and obtain existing curriculum materials from other areas of the United States, (2) abstract and synthesize the existing materials into seven curriculum guides and prepare 100 copies of each, and (3) prepare 100 copies of a final report which includes a plan for disseminating the products to appropriate LEAs in Illinois and submit the report to DAVTE. When the information provided in the curriculum resource guides is supplemented with information on existing curriculum offerings in Illinois and estimates of sub-state employment demand, the results will indicate target areas for dissemination, thus ensuring implementation of curricula for new and emerging occupations in the near future.

AR 79 0134

Handicapped and Disadvantaged Network Coordination, Dissimination, and Diffusion Project (Continuation).

Project Director: Batsche, Catherine; Hackett, Bessie
Organization: Illinois State Univ., Normal
Address: Turner Hall, Ill. State University, Normal, IL 61761
Descriptors: Audiovisual Aids, *Disadvantaged Youth, *Handicapped Students, *Information Dissemination, *Information Networks, *Instructional Materials, *Interagency Coordination, Program Development, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $99,138
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-137

State-wide diffusion, inservice, and impact activities related to the Illinois Network of Exemplary Occupational Education Programs for Handicapped and Disadvantaged Students will be implemented and coordinated. This project will bring service to local personnel in terms of material resources and intensive training through conferences and workshops. The project will be coordinated by the DAVTE Steering Committee and will involve program service team members, DAVTE and DSES staff, university liaison staff, and regional directors. Intensive training will be focused on the institutions within the Bloomington-Normal area (BAVC/HS and ISU).

AR 79 0135

Health Occupations Education Planning Grant.

Project Director: Barr, Jason
Organization: Southern Illinois Univ., Springfield
Address: Springfield, IL 62708
Descriptors: Administrator Guides, Career Choice, Data Analysis, Data Collection, Educational Needs, Employment Opportunities, *Health Occupations, Health Personnel, Health Services, Manpower Needs, *Needs Assessment, *Program Planning, Secondary Education, *Sequential Programs, *Teaching Guides
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $42,913
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-258

The master plan for delivery of health occupations training and health teacher training will be developed. In addition, a catalog of health occupations resources and services in Illinois will be produced to update and augment the existing State Board of Education publications, "A Guide for Teachers and Administrators: Health Occupations at the Secondary Level," and "Suggested Guidelines for the Planning of Sequential Programs at the Secondary Level." Activities include (1) using data available from health service areas, the Illinois Hospital Association, the Illinois Health Care Association, and other related organizations and agencies to provide a regional assessment of employment needs and opportunities; (2) assessing the continuing education needs and establishing program characteristics for health technicians and professionals in Illinois; and (3) providing to DAVTE information and documentation to allow identification of new and emerging health occupations, planning for new programs, updating existing course offerings and curriculum to reflect technological advances and new skills, and developing short- and long-range plans for the continuing education of health technicians and professionals.

AR 79 0136

Implementation of Clothing/Apparel, Accessories and Home Furnishings Merchandising Curriculums in Secondary Schools–Phase II.

Project Director: Lindstrom, Harriett
Organization: Downers Grove Community High School District 99, Ill.
Address: 1860 63rd Street, Downers Grove, IL 60515
Descriptors: Business Education, Comprehensive High Schools, Curriculum Development, *Curriculum Guides, *Fashion Industry, Home Economics Education, *Home Furnishings, *Interdisciplinary Approach, *Merchandising, Program Coordination, Sales Occupations, Secondary Education
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $24,943
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-182

In order to promote and strengthen the use of interdisciplinary approaches in comprehensive secondary schools, the second phase of this project purposes to (1) continue to develop curricular approaches and materials to support the interdisciplinary approach, (2) field test interdisciplinary approaches already developed, (3) evaluate implementation procedures, and (4) plan for dissemination of materials to others. The curricular content in two departments, home economics and business education, will be evaluated in the merchandising area as applied to clothing and apparel, accessories, and home furnishings. The competencies unique to each area and those that have interdisciplinary implications will be coordinated by the two departments working together to develop curriculum, to evaluate student progress, to assist each other in teaching, to best utilize teaching resources, and to promote student career planning through a program of courses. The coordinated efforts will be enhanced by evaluation and suggestions from community agencies that potentially employ the students and schools that may additionally train students. The structure for the implementation will be developed and made available to other Illinois school districts through publications and demonstration days where persons involved in the project will be available to inform interested educators about the development and implementation of the program. The final product will consist of an interdisciplinary guide for home economics and business education.

AR 79 0137

Implementation of Systematic Planning for Comprehensive Programs of Guidance, Counseling, Placement and Follow-Through in Illinois (Continuation).

Project Director: Slater, J. Marlowe
Organization: Illinois Univ., Urbana
Address: Urbana, IL 61801
Descriptors: Comprehensive Programs, *Counseling Programs, *Followup Studies, *Guidance Programs, Information Dissemination, *Occupational Guidance, Program Development, Program Effectiveness, *Program Planning, Staff Improvement, *Student Placement
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $45,399
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-187

To disseminate staff development materials which provide a model for systematically planning comprehensive systems of guidance, counseling, placement, and follow-through and to help educational agencies in Illinois operate comprehensive guidance and counseling programs at maximum efficiency through systematic planning, project staff will (1) reproduce PAGE 2, a previously developed and tested planning model for comprehensive systems of career guidance, (2) disseminate the PAGE 2 planning model to educational institutions and agencies for career guidance staff development activities, (3) train nineteen facilitators in Illinois in the use of the PAGE 2 planning model, (4) assist career guidance center directors in conducting staff development activities in local school districts state-wide to prepare educational and community personnel in Illinois in the use of guidance and counseling planning tools, (5) profile, through a case-study approach, a career guidance planning model in order to demonstrate how planning models can be adapted to fit local school system needs in Illinois, and (6) evaluate the effectiveness of a planning model in a variety of school system settings in Illinois and provide results through a report to be distributed state-wide.

AR 79 0138

Improvement in Secondary Occupational Education Programs as Reflected through an Onsite Evaluation Process (Continuation).
Project Director: Tomlison, Robert
Organization: Board of Trustees of the Illinois Univ., Urbana
Address: Urbana, IL
Descriptors: Data Analysis, *Educational Programs, Evaluation Methods, *Program Evaluation, *Program Validation, *Technical Reports
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $11,936
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-126

This is Phase II of a project to determine the extent to which the onsite evaluation process of the three-phase system for state-wide evaluation of occupational education was useful in local program improvement. Phase II objectives are to complete the analysis of data collected during Phase I and describe the results, develop conclusions, and make recommendations for improving the onsite evluation process; and to validate selected recommendations during the onsite process during 1978-79 as mutually agreed to with DAVTE. Technical and executive summary reports will be delivered.

AR 79 0139

Methods and Materials for Entrepreneurship Education–Phase II.
Project Director: Evans, Rupert
Organization: Illinois Univ., Urbana
Address: 349 Administration Building, Urbana, IL 61801
Descriptors: *Annotated Bibliographies, *Business Education, Curriculum Development, *Educational Strategies, Instructional Materials, *Material Development, Postsecondary Education, *Units of Study
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $60,473
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-131

Units of instruction and teaching strategies will be developed for ten areas of entrepreneurship education. The units will be pilot tested at two postsecondary schools and reviewed by an advisory panel of five entrepreneurs and revised. An annotated bibliography of materials relating to entrepreneurship and small business ownership will be produced with suggestions for implementation.

AR 79 0140

Preparation and Dissemination of a Coal Mining Curriculum Planning Handbook.
Project Director: Katz, Douglas S.
Organization: CONSERVA Inc., Raleigh, N.C.
Address: 401 Oberlin Road, Suite 112, Raleigh, NC 27605
Descriptors: Curriculum Development, *Curriculum Guides, *Curriculum Planning, *Information Dissemination, Job Training, Local Issues, *Material Development, *School Role
Identifiers: *Coal Mining Occupations
Funding Period: Start Date 15 Aug 78; End Date 31 Jan 79
Fiscal Year Funding: $24,971
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-C9-170

This project will provide local vocational education personnel in Illinois with assistance in planning for underground coal mining curriculum. Project objectives are to (1) convert and reformat the final report of DAVTE contract number RD-B8-551 into an underground coal mining curriculum planning handbook for use by local education agencies (LEAs), in structuring a coal mining curricula suited to local needs and resources, (2) produce 1,000 copies of the resulting handbook, (3) plan and conduct four workshops in southern Illinois to disseminate the handbook and supportive information to LEA personnel, and (4) prepare and produce 100 copies of a final report which summarizes the project and the prior CONSERVA/DAVTE work pertaining to the development of coal mining curricula. The workshops will ensure that local district representatives understand the role which vocational education can plan in preparing students for entry into coal mining occupations, and the procedures for using the handbook in planning coal mining curricula.

AR 79 0141

Program Development and Course Offerings in Land Reclamation and Mining Occupations (Continuation).
Project Director: Smith, Dean O.
Organization: Pinckneyville Community High School District 101, Ill.
Address: East Water Street, Pinckneyville, IL 62274
Descriptors: *Cooperative Programs, Curriculum Development, Equipment Maintenance, *Experiential Learning, *Instructional Materials, Job Skills, *Land Use, *Program Development, Program Evaluation, School Industry Relationship, Secondary Education, Student Placement
Identifiers: Land Reclamation, Miners
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $52,184
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-C9-128

This project will permit the continued development and refinement of the mining-reclamation vocational educational program including, but not limited to (1) refining and re-offering the orientation course first offered during the past school year; (2) offering both an advanced course in reclamation and an advanced course in equipment maintenance and operation; (3) incorporating the findings of DAVTE's miner training survey into the program; (4) sharing results with DAVTE of a similar survey to be conducted locally and restricted to surface mining; (5) continuing contacts to expand industry-government-education cooperation in better preparing students for jobs, developing at least two additional courses for the program, acquiring necessary tools and funding for the continuation of the program, increasing knowledge of land reclamation techniques, publicizing the program as it develops so that other institutions may adopt similar programs in their communities, and assisting in placing graduates in employment in the industry, in related occupations or in post-secondary schools for further training; and (6) incorporating some of the recommendations of DAVTE's evaluation team into the overall program. Products to be delivered include instructional material and a bibliography on reclamation, and brochures of the mining-reclamation program to date.

AR 79 0142

Project MAVE (Model for Articulated Vocational Education) (Continuation).
Project Director: Vanek, Carol
Address: 320 E. 161st Place, South Holland, IL 60473
Descriptors: *Articulation (Program), Educational Development, Information Dissemination, *Program Development, *Program Evaluation, *Program Guides, Secondary Education, Slides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $35,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-C9-101

Objectives of this project are to (1) facilitate implementation of the articulation guide and its elements in selected geographic areas to develop utilization and adequate diffusion of suggested articulation activities, (2) continue evaluation of the guide at Phase II field test sites and Phase III implementation sites to determine effectiveness, feasibility, and desirability of the guide in various educational settings, and (3) continue dissemination of information about Project MAVE, the articulation guide, and articulation activities throughout the state in cooperation with DAVTE. Products to be delivered include 350 copies of the guide, three sets of an articulation slide presentation, and the 1978-79 final report.

AR 79 0143

Proposed Comprehensive Vocational Education Delivery System in Illinois.
Project Director: Ferratier, Louis A.; Sullivan, James
Organization: Southern Illinois Univ., Carbondale
Address: Carbondale, IL 62901
Descriptors: Comprehensive Programs, *Data Analysis, *Data Collection, *Delivery Systems, Statistical Analysis, *Systems Development
Funding Period: Start Date 18 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $31,128
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-157

Data pertinent to the development and operation of state-wide vocational education delivery system in Illinois will be collected, analyzed, and synthesized in this project. A comprehensive search of various sources, such as IOE reports, state and county reports, advisory council reports, and SIU library holdings, will be conducted to accumulate raw data. The raw data will be categorized and grouped according to its influence on the need, development or operation of a comprehensive delivery system. Various statistical treatments will be applied to the raw data utilizing extant DP packages, and the results will be presented in the final report. The final report should serve as a comprehensive reference document to facilitate activites directed toward full implementation of a comprehensive vocational education delivery system and the enactment of any legislative changes.

AR 79 0144

Standards for Agricultural Occupations Programs in Community Colleges and Metropolitan Schools.
Project Director: Hemp, Paul E.
Organization: Illinois Univ., Urbana

Address: 349 Administration Bldg., Urbana, IL 61801
Descriptors: *Agricultural Education, *Agricultural Occupations, *Community Colleges, *Guidelines, Metropolitan Areas, Postsecondary Education, Program Evaluation, *Secondary Education, *Standards
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-106

Through the development and implementation of appropriate standards in the evaluation of agricultural occupations programs in Illinois, this project will contribute to the development of quality instruction at the local level by enabling local educational leaders to identify areas needing improvement and by serving as guidelines for the development of new programs. Project objectives are to (1) prepare and publish 200 copies of a validated list of standards for community college programs and metropolitan agriculture programs in secondary schools; (2) develop, pilot test, and implement an implementation package to be used in program evaluation at the local level; (3) develop a workshop program package including handouts, audiovisual material, and implementation procedures using steering committees as consultants; (4) conduct four workshops for teachers, administrators, and advisory council representatives and two workshops for teachers, administrators, and advisory council personnel in Chicago; and (5) identify steps to be followed in Phase II or subsequent phases of this project. Standards which were not accepted in Phase I will be refined and revised, a standard of quality form will be administered to teachers to identify additional acceptable standards, and formal adoption of additional standards will be secured at the IACCAI state conference in October and at the fall meeting of the MAT organization.

AR 79 0145

Standards for Illinois ABAO Secondary Programs--Phase II.

Project Director: Stitt, Thomas
Organization: Southern Illinois Univ., Carbondale
Address: Carbondale, IL 62901
Descriptors: *Agricultural Occupations, Audiovisual Aids, Educational Programs, *Guidelines, Program Development, *Program Evaluation, Secondary Education, *Standards, Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-103

Through the development and implementation of appropriate standards in the evaluation of agricultural occupations programs in Illinois, this project will contribute to the development of quality instruction at the local level by enabling local educational leaders to identify areas needing improvement and by serving as guidelines for the development of new programs. Project objectives are to (1) develop a workshop packet for implementation of Illinois standards; (2) conduct a state-wide workshop to teach sectional chairpersons to conduct sectional-level workshops; (3) conduct, with the aid of section chairpersons, a series of twenty-five sectional-level workshops to acquaint teachers with standards which have been adopted and their implications for programmatic improvement; (4) formulate a committee to review, revise, and resubmit rejected standards for adoption; (5) promote the use of adopted standards in the review and evaluation process at the local, district, and state level; and (6) determine the program resources needed by Illinois teachers to implement the adopted standards. A steering committee will be developed to oversee the project.

AR 79 0146

State Guide for Industrial Education, K-Adult.

Project Director: Sredl, Henry J.
Organization: Illinois Univ., Urbana
Address: 344 Education Building, Urbana, IL 61801
Descriptors: Adult Education, Elementary Secondary Education, *Industrial Education, Information Dissemination, *Information Networks, Inservice Teacher Education, Preservice Education, *Program Evaluation, Program Planning, *Teacher Certification, *Trade and Industrial Teachers
Funding Period: Start Date 20 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $58,740
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-154

A guide will be developed to serve educators, administrators, teacher educators, AVTE staff, and other individuals or groups responsible for education by providing them with (1) criteria for use by state and local agencies for evaluating industrial education programs, (2) criteria for planning and operating preservice and inservice teacher education courses and programs, (3) criteria for state teacher certification, and (4) an efficient communications network among industrial educators and related individuals or groups. The guide will be pilot tested, revised, and disseminated from July 1979 to June 1980.

AR 79 0147

Study of the Nontraditional and Social Impact of Vocational Education on Individuals in Illinois.

Project Director: Carvell, Fred
Organization: CARVELL Education Management Planning, Los Altos, Calif.
Address: P.O. Box 531, Los Altos, CA 94022
Descriptors: *Case Studies (Education), Data Collection, *Followup Studies, *Longitudinal Studies, *Program Evaluation, Statistical Studies, *Student Characteristics, *Student Evaluation
Funding Period: Start Date 1 Nov 78; End Date 30 Aug 79
Fiscal Year Funding: $74,511
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-B9-216

The CARVELL study team director will establish close liaison with the AVTE project monitor obtaining the cooperation of agencies and vocational programs invited to participate in the study. Once agencies have agreed to participate, necessary data collection forms and procedures will be designed and a review of existing student records will be undertaken to develop a profile showing the number of characteristics of the students served by each participating vocational program. A statistical summary will be compiled and submitted to AVTE. About 100 case-study subjects will be selected to represent a cross section of each program, and necessary inservice programs will be conducted for AVTE staff and field interviewers on the case-study system. Case-study files will be established and interviews will be initiated to collect descriptive data on training programs, support services, and other treatment procedures in those agencies included in the study. CARVELL will use the professional services of personnel from either the Center for Vocational Education Research at the University of Illinois or another acceptable agency within Illinois. By the end of the first year of this multi-year project, an analysis will be conducted to identify major trends and direction for future study efforts.

AR 79 0148

Study to Evaluate the Nineteen Regional Career Guidance Centers within Illinois.

Project Director: McCormick, Fred
Organization: Educational Operations Concepts, Inc., St. Paul, Minn.
Address: St. Paul, Minnesota 55108
Descriptors: Data Analysis, Evaluation Methods, *Guidance Centers, Guidance Services, *Occupational Guidance, *Occupational Information, Program Development, *Program Evaluation, *Success Factors, Technical Assistance
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD1-A9-257

Third-party evaluation services, technical assistance, and accountability and reporting are the three components of this evaluation study. The IOE/DAVTE onsite evaluation model will be used as a guide for the activity, and interviews and other survey procedures will be used along with a review of pertinent project documentation available at each center. Third-party evaluation will be conducted to determine and document the extent to which each center's objectives are being accomplished, determine what factors are either enabling or precluding accomplishments of these objectives, and promote the inclusion of the successful aspects of each center's operation into ongoing projects. Technical assistance will include (1) coordination with each center's locally directed evaluation process, (2) assistance in writing goals and objectives in consistent, measurable terms, (3) assistance in analyzing program data and in reporting and disseminating program progress and information, and (4) coordination with the staff development project for the career guidance centers. Evaluation conclusions will be reported in terms of commendations, recommendations, and suggested improvements as a basis for future planning. Composite findings from all individual center evaluations will be provided.

AR 79 0149

Tri-County Industry-Education-Labor Project.

Project Director: Musgrove, Paul B.
Organization: Tri-County Industry-Education-Labor Council, East Peoria, Ill.
Address: Room 133 B Illinois Central College, East Peoria, IL 61635
Descriptors: *Educational Programs, Feasibility Studies, *Guidance Centers, *Information Centers, *Information Dissemination, Inservice Programs, Job Training, Occupational Information, Program Development, *School Community Relationship, *School Industry Relationship
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $46,246
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-110

To broaden the impact of industry-education-labor collaboration and cooperation, the following activities will be conducted during this project: (1) fund a career/vocational/job information center, (2) conduct a collaborative career education conference, (3) revise and implement vocational areas identified by students, employers, and schools based on community need, (4) conduct a

career guidance institute, (5) conduct an area conference/workshop on collaborative career education, (6) conduct inservice workshops, (7) provide construction trades and industry apprenticeship and job training programs, (8) publish a newsletter, (9) conduct seminars, workshops, and forums relating to a collaborative effort by counselors, (10) use the "Education Programs Yellow Page Book," (11) conduct workshops, seminars and forums on technology developments for office occupations, and (12) conduct a feasibility study for an area training center. IOE/DAVTE staff will be consulted in developing the service. Information relating to individualized instruction, open schools, team teaching, and alternative schools will be distributed, and federal and state financed educational programs in the tri-county area will be surveyed and identified.

Exemplary and Innovative (Sec. 132)

AR 79 0150

Chicago PREP Workshops.
Project Director: Pollack, Steve
Organization: Johnsburg School District 12, McHenry, Ill.
Address: 2117 West Church Street, McHenry, IL 60050
Descriptors: Career Planning, Counselors, *Curriculum Guides, Followup Studies, *Inservice Programs, *Instructional Materials, Job Skills, Program Development, Program Evaluation, Resource Materials, *Student Placement, Vocational Education Teachers, Workshops
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $29,154
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-185

To provide vocational teachers in Illinois with a resource book and inservice training to aid them in placing their students in jobs or preparing their students to secure a job in the world of work, project staff will (1) conduct ten inservice workshops for eighty Chicago vocational teachers at each workshop and provide the teachers with materials and guides; (2) conduct one workshop for 300 Chicago school guidance counselors and provide the counselors with materials and guides; (3) print the "Pre-Employment Curriculum Guide" and the "Student Handbook for Pre-Employment Skills;" (4) furnish an initial 500 copies of each product to the Curriculum Publications Clearinghouse, Western Illinois University (CPC/WIU), distribute approximately 1,100 guides and 6,000 handbooks at the workshops, and forward remaining guides and handbooks to CPC/WIU within thirty days after the completion of the workshops; (5) provide an exhibit of materials for teachers to view in order to gain information to help implement a pre-employment skills programs; and (6) conduct a follow-up study to evaluate the outcome of the workshop series.

AR 79 0151

Community Career Resources Program.
Project Director: Keegan, Janice H.
Organization: Boone-Winnebago Regional Office of Education, Rockford, Ill.
Address: Courthouse Building, Room 712, Rockford, IL 61101
Descriptors: *Career Education, Career Opportunities, *Community Resources, *Educational Resources, Inservice Programs, Instructional Materials, *Integrated Curriculum, Material Development, Multimedia Instruction, *Occupational Information, *School Community Cooperation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-134

Community career resources for use in the classroom will continue to provide students with an opportunity to become more aware of vocations and careers open to them in a work force where technologically based careers are expanding. The "Community Careers Resource Manual" will be revised and expanded; films and career education materials will be on loan through the regional office of education's audiovisual center; and a slide presentation of career education activities will be developed to be used in the classroom, at principals' and teachers' inservice meetings, and with community groups. Opportunities will be made for classes of students as well as individual students and teachers to visit the Rockford Area Vocational Center.

AR 79 0152

Consortium of Vocational Educators and Employers, 1978-1979.
Project Director: Davis, Rose Anne
Organization: Educational Service Region of Madison County, Edwardsville, Ill.
Address: 201 Hillsboro, Box 600, Edwardsville, IL 62025
Descriptors: *Consortia, *Employers, *Group Membership, Inservice Education, *Organizational Communication, *Program Coordination, *School Industry Relationship, *Vocational Directors, *Vocational Education Teachers
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $39,746
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-197

To demonstrate the value of involving business, industry, labor, and others in the training and retraining of teachers and students for the world of work, this consortium will (1) develop staff and the organizational capacity necessary to implement COVEE's 1978-1979 activities; (2) fulfill IOE and DAVTE reporting requirements for funding; (3) holding an annual COVEE membership meeting; (4) maintain liaison with other work-education councils; (5) maintain Board of Directors' functions; (6) increase cooperation and improve communications between training providers; (7) establish an inservice training program to provide training to at least 150 area counselors, teachers, and administrators to allow them to better prepare students for the world of work; (8) develop a policy statement concerning curricula of area training and educational institutions; (9) increase local awareness of COVEE and the work-education cooperation concept; (10) expand active membership in COVEE to 200 or more; (11) support activities of career guidance centers, CETA prime sponsors, and other service providers (12) increase the understanding the use of the best available labor force data for educational planning purposes; (13) improve youths' understanding of the community and the local and national economic systems; (14) evaluate the effectiveness and impact of COVEE on the school-to-work transition of area youth; (15) identify the feasibility of and alternatives for future COVEE activities; (16) determine changing needs and recommend content of future COVEE programs; and (17) provide data and information to COVEE memebers.

AR 79 0153

Demonstration Center for Child Care Training (Continuation).
Project Director: Hutchison, Betty
Organization: Chicago City Colleges, Ill. Wilbur Wright Coll.
Address: 180 North Michigan Avenue, Chicago, IL 60601
Descriptors: *Child Care Occupations, Child Development, *College High School Cooperation, *Demonstration Centers, *Educational Programs, *Information Dissemination, Information Needs, *Information Networks, Job Training, Needs Assessment, Postsecondary Education, Resource Guides, Resource Materials, Secondary Education
Funding Period: Start Date 24 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $24,997
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-C9-211

The project is intended to (1) establish a state-wide resource and communication network between secondary and postsecondary instructors in the vocational fields of child development with special emphasis on serving and involving institutions outside the metropolitan Chicago area, and (2) improve career education in child development by providing information about available resources and holding conferences designed to meet the stated needs of trainers in the field. Using the demonstration center as the focal point of the communication network, project staff will publish a monthly newsletter incorporating information about center material and activities and providing a medium for the exchange of information between newsletter recipients. In addition, project staff will conduct a survey of the resources and expertise available in child care training programs throughout Illinois. As a follow-up of this inventory, project staff will plan and present a two-day working conference designed to meet needs and utilize resources identified by the assessment. A follow-up one-day conference will be held later in the year at a location downstate in Illinois. Upon request, the center will offer information and suggestions about resources on an individual basis or establish contacts between programs which can assist each other. Finally project staff will prepare and publish a resource directory for child care training programs based upon the information the project has acquired from newsletter respondents, the resource assessment, and conference participants. The center will update its materials on a limited basis.

AR 79 0154

Development of Illinois Model Career Clusters and Visual Materials Concerning Each Cluster–Phase II.
Project Director: Gnaedinger, John P.
Organization: Soil Testing Services, Inc., Northbrook, Ill.
Address: 111 Pfingsten Road, Northbrook, IL 60062
Descriptors: *Audiovisual Aids, Career Exploration, Curriculum Evaluation, *Educational Needs, Goal Orientation, *Material Development, *Occupational Clusters, *Occupational Information, Program Development, Teaching Guides, *Visual Aids
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $60,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-145

Career cluster material developed through this continuing project will be goal rather than process oriented, and will provide a model for use by students considering career choices and in developing programs to be implemented in

occupational education throughout Illinois. Slide/tape presentations, wall charts and pamphlets will be developed for thirteen clusters in addition to the environment, health care, and manufacturing clusters developed in Phase I, and then field tested in four to six school districts. The audiovisual aids developed will provide an overview of each cluster, showing goals in terms of serving human needs for goods and services. Identification of industries, job classifications within industries, and information on jobs and training requirements will be included. A teacher's guide explaining the career clustering system and how to use the materials will be developed.

AR 79 0155

Diffusion Center for Exemplary Occupational Education Programs for Handicapped and Disadvantaged Students.
Project Director: Boldrey, Tom
Organization: Joliet Township High School District 204, Ill.
Address: 201 E. Jefferson Street, Joliet, IL 60432
Descriptors: Administrator Guides, *Demonstration Programs, *Disadvantaged Youth, *Handicapped Students, Individualized Instruction, *Information Centers, *Information Dissemination, Learning Modules, Program Coordination, Secondary Education, *Technical Assistance, Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $69,118
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-139

This diffusion center will provide technical assistance and information to other school districts which need help to adapt or adopt an existing program or service that District 204 operates in providing occupational education to handicapped and disadvantaged students at the secondary level. Project activities will include the following: (1) compile a list of topics for inservice workshop sessions and obtain ratification of same from the DAVTE/H&D Steering Committee, (2) obtain confirmation of districts interested in utilizing the technical assistance capabilities through inservice workshop sessions, (3) confirm topics for developing brochures that would provide detailed specifics for adapting or adopting a program or service currently operative in one of the network sites, (4) develop a written plan for carrying out the technical assistance and inservice workshop sessions and respective evaluations, (5) obtain a confirmation of the workshop in Chicago, (6) give presentations at a minimum of five different state-level professional organization meetings and conferences, and (7) use mini-grants and other support for the project to strengthen the program and services for H&D students in District 204. Materials which will be disseminated to surrounding LEA's as requested and to workshop participants include administrators manuals, learning activity packages, indidvidualized typing modules, WECEP guide, vocational skills checklist, and identification system brochures.

AR 79 0156

Dissemination and Service Programs for the Education of Disadvantaged and Handicapped Students (Continuation).
Project Director: Binakonsky, Judy
Organization: Triton Coll., River Grove, Ill.
Address: 2000 Fifth Avenue, River Grove, IL 60171
Descriptors: *Ancillary Services, *Community Colleges, *Disadvantaged Youth, *Handicapped Students, *Information Dissemination, *Information Networks, Inservice Programs, Postsecondary Education, Program Development, Sensitivity Training
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $61,365
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-141

A communications network of community colleges will be established and utilized for sharing and disseminating information to improve the education of handicapped and disadvantaged students. The network will be formed by organizing and disseminating a newsletter to be available to college administrators and others who would like to be on the mailing list. The diffusion process will include onsite visitations and demonstrations, consulting off-campus with educators in other community colleges when requested, organizing state-wide conferences, and otherwise aiding in the program development both at Triton College and other colleges in the state. Inservice workshops will be organized upon request and will involve community college staff and students in awareness and sensitivity exercises and films, information sessions, and sharing concerns. In addition to dissemination activities, some services will be available through this program to help disadvantaged and handicapped students at Triton College to support dissemination activities. This part of the project will include tutoring, counseling, and vocational assessment for disadvantaged and handicapped students and assistance for instructors. "SOS," a manual for faculty, evaluation process materials, and "Tips for Tutoring" will be produced as part of the project.

AR 79 0157

Experience-Based Education (EBE) in an Alternative School.
Project Director: Atkins, Mary Lou
Organization: Macon County Educational Service Region, Decatur, Ill.
Address: Room 303, Macon County Building, Decatur, IL 62523
Descriptors: *Alternative Schools, Career Exploration, Evaluation Methods, *Experiential Learning, Inservice Teacher Education, Models, *Program Development, *Program Evaluation, *Work Experience Programs
Funding Period: Start Date 6 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $8,381
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-A9-260

An EBE program will be adapted for students enrolled at Futures Unlimited Alternative School. The program will provide career exploration, onsite job training, and survival skills. Six teachers will receive inservice education from a consultant trained in EBE. A series of evaluative instruments will be developed and administered and the protocal for continuous monitoring of an EBE program will be established. The program will be field tested with five groups of five students each who have dropped out of regular school and have no intention of returning, have less than half the credits necessary for graduation, and are so maladjusted to a standard school setting that success in such a setting is unlikely. A final report, an evaluation report, and promotional materials will be delivered.

AR 79 0158

Experience-Based Education: Appalachian Educational Laboratory Pilot Program for Special Needs Students.
Project Director: Newbrough, Art
Organization: Township High School District 113, Deerfield, Ill.
Address: 1959 N. Waukegan Road, Deerfield, IL 60015
Descriptors: Articulation (Program), *Community Involvement, Community Resources, Curriculum Development, Educational Alternatives, *Exceptional Persons, *Experiential Learning, Material Development, *Program Development, Program Effectiveness, *Program Evaluation, Senior High Schools, Student Needs
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $11,545
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-A9-214

A transportable experienced-based education (EBE) model program for special needs students will be developed and implemented using adapted Appalachian Education Laboratory (AEL) materials. The AEL materials, revised by Iowa Central Community College, will be reviewed, adapted, and reprinted as necessary to meet the needs of High School District 113 with inservice programs provided to teachers as needed. Based upon previously determined criteria, five to ten students will be selected and individualized EBE programs will be developed which involve community resource persons. Evaluation methods based on the evaluation guide prepared by the AEL will be developed to determine and document the effectiveness of the program. By increasing students' ability to make program choices, articulation with the Lake County Area Vocational Center will be improved. Interaction with the Lake County Career Guidance Center will be improved as a result of regular communication with the director regarding project progress. Promotional material will be developed and disseminated to interested agencies.

AR 79 0159

Health Occupations Articulation.
Project Director: Katz, Elaine; Clark, Frederick
Address: 113 West Main St., P. O. Box 215, W. Dundee, IL 60118
Descriptors: *Articulation (Program), Curriculum Development, Elementary Secondary Education, Health Occupations, *Health Occupations Education, *Instructional Materials, *Management Systems, Sequential Programs
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $64,145
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-C9-153

This project will provide the mechanism and opportunity to produce a comprehensive K-14 career development program in health occupations education, including the production of articulated curriculum materials for school staff. Project objectives are to (1) operationalize the health occupations education articulation planning model (APM) using a composite of three Illinois-produced management models: Project MAVE (articulation management), IOCP (occupational curriculum management), and AAAWII (vocational curriculum management); (2) provide support to two K-14 education clusters which will actively undertake a full range of articulation activities; and (3) produce a family of curriculum materials for classroom teachers, counselors, curriculum developers, and LEA administrators which will define a K-14 curriculum and emphasize the early career development stages. A plan for state-wide infusion of the curriculum materials will be developed and a final report will be prepared.

AR 79 0160

Illinois Network of Exemplary Occupational Education Programs for Handicapped and Disadvantaged Students.

Project Director: Donoho, Douglas
Organization: Prospect Township High School District 214, Ill.
Address: 799 W. Kensington Road, Mt. Prospect, IL 60056
Descriptors: *Disadvantaged Youth, *Educational Programs, *Handicapped Students, *Information Dissemination, *Information Networks, Inservice Programs, Instructional Materials, Material Development, Program Development, Program Evaluation, Skill Development, *Special Services, Teaching Skills
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $55,691
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-144

To provide exemplary occupational education programs for handicapped and disadvantaged students, project staff will (1) conduct state-wide inservice and diffusion activities that are directly related to serving special needs students, teachers, and administrators in occupational education programs; (2) work intensively with selected school districts in the development and improvement of programs, services, and materials directed toward the occupational education of special needs students; (3) provide complete and accurate descriptions of all programs and services designed to meet the needs of handicapped and disadvantaged students in District 214, and disseminate this information to students, parents, staff and the district community; and (4) continue to develop and conduct program and service evaluations to determine the impact of selected programs and services on special needs students and aid in the assessment of the conduct of these programs and services in District 214. In order to accomplish these objectives, (1) a list of inservice activities will be provided that can be conducted by Districts 214 and 204 by June 30, 1978 to suburban school district and local universities; (2) Districts 214 and 204 personnel will conduct inservice activities as requested by surburban school districts and universities on a site-to-site basis during the 1978-79 school year; (3) District 214 personnel will provide presentations at state-wide and professional activities as requested during the 1978-79 school year; (4) Districts 214 and 204 will cooperatively develop twelve brochures on specific subjects in the area of the occupational education of special needs students as supplements to inservice activities; (5) the diffusion center staff will aid in conducting inservice activities in District 214 pertaining to the occupational education of special needs students by providing resource material, presentations, and organizational aid during the 1978-79 school year; (6) the diffusion center will provide materials and staff time to students, parents, and community groups requesting information on special program and services during FY 78; and (7) the diffusion center will provide staff time and materials in the conduct of selected program assessment for FY 78. A diffusion center catalogue of exemplary programs and a newsletter, "Evaluation Data and Process Materials," will be produced.

AR 79 0161

Illinois Network of Exemplary Occupational Education Programs for Handicapped and Disadvantaged Students.

Project Director: Rakers, Richard
Organization: Springfield School District 186, Ill.
Address: 1900 W. Monroe, Springfield, IL 62704
Descriptors: *Disadvantaged Youth, *Educational Programs, *Handicapped Students, *Information Dissemination, *Information Networks, Inservice Programs, Instructional Materials, Material Development, Program Descriptions, Program Development, Program Evaluation, Skill Development, *Special Services, Student Needs, Teaching Skills
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,168
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-149

In order to systematically provide direct services to other districts and create an effective, broader-based program of a state-wide inservice network for effective training or diffusion of materials and programs that have been successful in working with disadvantaged and handicapped students, project staff will (1) provide concentrated efforts in terms of direct services to other interested districts on a one-to-one basis; (2) reorient and redirect the activities of the Springfield site toward a more centralized and unified approach to statewide inservice and diffusion activities directly related to serving the special needs students, teachers, and administrators in occupational education programs; and (3) continue to develop, demonstrate, and show all materials and concepts developed with other local districts. Activities to accomplish these objectives will include (1) assisting a minimum of five sites in upgrading programs and services for handicapped and disadvantaged students; (2) developing, with the assistance of the ISU project, a program of workshops and conferences with other local districts by providing staff with the knowledge and skills necessary to significantly improve their effectiveness with disadvantaged and handicapped students; (3) developing programs with other districts requesting technical assistance to allow them to adapt and adopt existing site practices and materials; continuing to develop, prepare, and respond to requests for materials and products from other local districts; (4) cooperatively working with the Handicapped and Disadvantaged Coordinator Project and the University Occupational Education Coordinators Council to set up arrangements with universities for local state-wide inservice functions.

AR 79 0162

Implementation and Demonstration of an Exemplary Orientation Program for Home Economics.

Project Director: Severns, Charles W.
Organization: Springfield School District 186, Ill.
Address: 1900 W. Monroe, Springfield, IL 62704
Descriptors: *Behavior Problems, Career Awareness, *Career Exploration, Career Planning, *Community Involvement, Community Resources, Elementary Secondary Education, Emotionally Disturbed Children, *Experiential Learning, *Individualized Programs, Middle Schools, *Program Development, Student Needs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $27,596
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-125

An exemplary orientation program for home economics will be developed, implemented, and demonstrated in this project to provide students with the necessary knowledge and experience to make informed educational and career choices about child care, fabrics, living environment, and hospitality and food services. Project activities include (1) identifying a target population of middle school students to be served by the exemplary orientation program, (2) conducting appropriate inservice and program planning activities for the instructional staff involved in implementing and demonstrating the program, (3) pilot testing the four orientation programs and assessing their effectiveness in terms of meeting student needs, (4) providing for parent, student, and community involvement and input in implementing and assessing the orientation programs, and (5) demonstrating the orientation programs to other instructional and administrative personnel within the district and state. A final report will be delivered.

AR 79 0163

Implementation of a Model Experience-Based Education Program.

Project Director: Miedema, Donald
Organization: Springfield School District 186, Ill.
Address: 1900 W. Monroe, Springfield, IL 62704
Descriptors: *Career Choice, *Career Planning, Child Care Occupations, *Community Involvement, Educational Alternatives, Elementary Secondary Education, Experiential Learning, Food Service Occupations, *Home Economics, *Individualized Programs, Information Dissemination, Inservice Programs, Middle Schools, Program Development, Program Effectiveness, Student Needs, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,527
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-A9-129

Objectives of this project to implement a model experience-based education (EBE) program are (1) adapt to Grant Middle School the Research for Better Schools (RBE) model developed by the Research for Better Schools, Inc. Educational Laboratory; (2) develop and implement a highly individualized and flexible education program emphasizing career orientation and exploration for students who have been unsuccessful or disruptive in school; (3) recruit, select and enroll a maximum of twenty-five students in such a program, prescribe an individualized program and document each student's success or failure in the EBE program; (4) actively involve community resource persons in the EBE program to enhance the instruction of the students and to promote career awareness and orientation; and (5) mainstream students into other vocational education programs. Project staff will plan and conduct inservice programs for all school staff directly involved in the program and develop (if necessary) and administer evaluative instruments and activities at the appropriate time during the year.

AR 79 0164

Improving Services to Disadvantaged and Handicapped Students in Occupational Education: A Model (Continuation).

Project Director: Williams, Linda R.
Organization: Chicago Board of Education, Ill.
Address: 228 N. LaSalle St., Chicago, Illinois 60601
Descriptors: *Ancillary Services, Comprehensive Programs, *Delivery Systems, *Disadvantaged Youth, *Handicapped Students, Information Dissemination, *Inservice Teacher Education, Instructional Materials, Instructional Materials Centers, Needs Assessment, *Program Development, Program Evaluation, Secondary Education, Staff Improvement

Funding Period: Start Date 1 Aug 78; End Date 29 Jun 79
Fiscal Year Funding: $141,711
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-168

This project will identify and improve services for disadvantaged and handicapped youth and develop a related teacher inservice delivery system which will provide a model for use in other local educational agencies. Specific objectives of Phase IV of the project are to (1) continue implementation and program development at the pilot site, Tilden High School, under the direction of a counselor functioning as a program manager, (2) continue dissemination development with the six high schools (Cooley Vocational, Harrison, Juarez, Lake View, Phillips, and Sullivan) that are presently serving disadvantaged and handicapped populations, and identify an assistant principal to act as program manager at each site, (3) identify and develop five additional sites in District 299 to serve disadvantaged and handicapped populations and identify an assistant principal to act as program manager at each site, (4) purchase, catalog, and make available additional materials to all twelve sites through the project materials center, (5) continue to identify and develop new program components through mini-grants and staff development activities, and (6) document all implementation and dissemination activities and produce a final project report which will identify and evaluate project activities. The twelve proposed sites will serve as models for other urban schools that provide comprehensive occupational programs serving a large percentage of students identified as having special needs.

AR 79 0165

Marketability of Illinois Agriculture College Graduates (1978), Including Predictors of Job-Market Entry Salaries Based upon Graduates of 1975, 1976, 1977, and 1978.

Project Director: Woods, Harvey; Forgey, George
Organization: Illinois State Univ., Normal
Address: Normal, IL 61761
Descriptors: *Agricultural Colleges, Agricultural Education, Career Education, Curriculum Evaluation, *Data Collection, Employment Opportunities, *Employment Trends, Followup Studies, *Graduate Surveys, Higher Education, *Job Market, Occupational Information, *Program Effectiveness
Funding Period: Start Date 1 Aug 78; End Date 31 Jul 79
Fiscal Year Funding: $21,538
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-167

Data obtained from this four-year study of the marketability of Illinois agricultural college graduates will show the contributions the agricultural programs are making to Illinois agriculture and to those young people making agriculture their careers, provide current information on the types of training employers are currently looking for in new agricultural graduates, give planners a sound annual basis for counseling and advising students and parents about job opportunities in agriculture, develop trends of employment and give those planning expanded programs sound data and direction upon which to base their planning, and serve as a prototype for gathering data for other career education fields. Specific objectives of the project are to (1) obtain annual records of the first full-time career positions obtained by all agriculture graduates from the two-year and four-year educational institutions offering a degree in agriculture; (2) assemble data in a manner that will show the marketability of graduates from the various profesional agriculture programs for the given year; (3) make the data available annually to high schools, two-year colleges, and four-year colleges offering agriculture programs to be used in advising students and parents relative to a career in agriculture and in building and updating curriculum; and (4) determine those education, social, and job variables which are significantly related to the marketability of agriculture graduates of institutions of higher education in Illinois. Data collected by project staff will be published in a report in 1979. This report will contain information on the agricultural graduates of 1978 plus a summary of the four-year data obtained in Part I on all agriculture program graduates of 1975, 1976, and 1977.

AR 79 0166

Mini-Grants for Implementing Innovative Programs in Rural Southern Illinois (Continuation).

Project Director: Rawlinson, Jack
Organization: Little Wabash Area Vocational Center, Carmi, Ill.
Address: R.R. #2, Carmi, IL 62821
Descriptors: *Educational Innovation, Needs Assessment, *Program Development, *Rural School Systems
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $31,684
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-146

The need to improve rural vocational education programs will be emphasized in this project. Specific objectives are (1) developing and conducting needs assessment survey of districts in DAVTE Regions V and VI to identify occupational education research, developmental curriculum, and inservice needs; (2) developing a process for and then analyzing the results of the needs assessment and identify specific kinds of activities; (3) sponsor, through the Board of Directors of SIOEL, a mini-grant program to aid districts in meeting special problems associated with their rural location; and (4) planning and sponsoring a special conference for rural vocational educators, which will involve dissemination between local vocational educators.

AR 79 0167

Plan to Adopt and Implement an Experience-Based Education Program at Charleston High School.

Project Director: David, C. Michael
Organization: Community Unit School District 1, Charleston, Ill.
Address: Charleston, IL 61920
Descriptors: *Career Exploration, *Community Resources, *Experiential Learning, High Schools, Individualized Programs, Inservice Programs, Pilot Projects, *Program Development, Program Evaluation, School Community Cooperation, Student Interests, Student Needs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $10,267
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-A9-256

To implement an experience-based education (EBE) program at Charleston High School, administration and staff will study three experience-based career education (EBCE) models, visit EBCE pilot projects, and consult with IOE/AVTE staff to determine what parts of the models have adoptive-implementation practicality in the high school setting. Identified parts will become the basis for developing individual student EBE program plans. Other project activities will include conducting surveys to identify community resource volunteers, and identifying students who would benefit from participation in the EBE programs. Administration and staff will develop methods of evaluating student progress in the EBE program, identify credit to be given for participation in the program, and develop a grading procedure to reflect students' progress. The program will be evaluated by the board, administration staff, students, and resource volunteers following staff evaluation of inservice activities. The EBE program will be implemented in the high school at the beginning of the 1979-80 school year. Planning procedures developed in the program can be used by LEAs to implement curriculum improvement at low cost.

AR 79 0168

Planning and Dissemination Project for Vocational Education–Phase II.

Project Director: Pollock, Steve
Organization: Johnsburg Public School District 12, McHenry, Ill.
Address: 2117 W. Church Street, McHenry, IL 60050
Descriptors: *Administrator Guides, Conferences, *Educational Planning, Information Dissemination, Manuals, *Program Planning, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,060
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-148

To provide opportunities and options to secondary schools for expanding services offered and upgrading existing programs, this project will (1) develop a planning manual for a model vocational program, (2) develop and implement a state-wide conference for placement personnel, and (3) disseminate vocational education research and development findings or results by workshops. Procedures will include reviewing materials developed by DAVTE and using services available from the state office and advisory council. One hundred copies of the planning manual will be delivered to the IOE/AVTE research and development section.

AR 79 0169

Planning for and Development of Vocational Training for Native Americans.

Project Director: Kishner, Martha
Organization: Truman Coll., Chicago, Ill.
Address: 1145 W. Wilson Avenue, Chicago, IL 60640
Descriptors: Adults, Adult Vocational Education, *American Indians, *Curriculum Design, Curriculum Development, *Educational Development, *Educational Needs, *Educational Planning, Needs Assessment, Program Design, *Program Development
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $27,920
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-A9-213

Vocational training needs of Native Americans aged eighteen and older in Illinois will be assessed by using available data and by conducting surveys and interviews. Input from the consortium committee and external consultants will be obtained. A vocational training program and curricula will be designed and

developed to meet these needs. The program will be implemented the following fiscal year. A final report will be delivered to DAVTE at the end of the planning phase.

AR 79 0170

Project Incentive–Phase II.
Project Director: Deloch, Jessie B.
Address: 826 South Ada, Chicago, IL 60607
Descriptors: *Ancillary Services, Curriculum Development, *Delivery Systems, *Disadvantaged Youth, Educational Programs, *Job Placement, Job Skills, *Job Training, Program Development, Secondary School Students, Senior High Schools, Urban Schools
Funding Period: Start Date 15 Nov 78; End Date 15 Oct 79
Fiscal Year Funding: $44,430
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-B9-212

To improve the delivery of vocational education and ancillary services to young adults residing in urban areas, project staff will, during Phase II of this project, (1) identify all necessary training components, plans and resources prior to initiating training activities; (2) work closely with participating corporate personnel in the first development of trainee slots, career plans, and appropriate supports; (3) arrange training logistics, material acquisition, and other related activities that will assure maximum program benefits; (4) finalize total Project Incentive training design and curricula, (5) recruit ten to fifteen program participants from inner-city senior high school graduating classes; (6) implement approximately ten weeks of training in a residential learning environment; and (7) place project graduates in job slots developed earlier in the program. Project staff will provide continuous support to students during their entire involvement with the program. The final report, delivered to DAVTE, will include curriculum content, training methods, and number and kinds of job slots developed during the pre-placement contract.

AR 79 0171

Public Service Practicum Curriculum Guide Project.
Project Director: Chierico, Richard
Organization: Mount Prospect Township High School District 215, Ill.
Address: 799 W. Kensington Road, Mt. Prospect, IL 60056
Descriptors: Audiovisual Aids, Curriculum Development, *Curriculum Guides, Information Dissemination, *Interdisciplinary Approach, *Internship Programs, Practicums, *Public Service Occupations, Senior High Schools, *Teaching Guides
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $23,598
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-C9-190

The objectives of this project are to (1) develop a curriculum guide designed to assist social science and occupational teachers in the areas of public service and related occupations to develop, implement, and operate interdisciplinary internship programs; (2) prepare a teacher's manual to accompany the guide; and (3) assist other high schools (minimum of five from suburban, rural, and city settings), to provide for a public service practicum or specific public service internships infused in the curriculum to be written into their local plan for occupational education contained within the Public Service Cluster. These objectives will be accomplished by interviewing people in public service employment from suburban, rural, and city settings; reviewing training plans and materials purchased for practicum internships; developing a list of suggested courses necessary to prepare for twenty public service occupations for suburban, rural, and city high schools; reviewing computer printout on public service jobs, reviewing practicum materials, and interviewing public service employees as well as people from suburban, rural, and city schools; interviewing people from suburban, rural, and city school systems on the development of their own practicum program or specific public service internships to be infused into the curriculum; and developing two audio-visual programs for disseminating information on the practicum curriculum guide.

AR 79 0172

Sycamore Experience-Based Career Education (EBCE) Implementation and Demonstration Center.
Project Director: Johnson, Peter L.
Organization: Sycamore Community Unit District 427, Ill.
Address: 508 North Main St., Sycamore, IL 60178
Descriptors: Career Education, *Career Exploration, Career Opportunities, *Career Planning, *Demonstration Centers, *Experiential Learning, *Field Experience Programs, Individualized Curriculum, Individualized Instruction, Program Evaluation, School Community Cooperation, Sex Discrimination, Sex Fairness, Sex Role
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-C9-193

The six objectives of this project are to (1) provide for an individualized curriculum with coordinated community involvement through the adapting of the Far West Laboratory (FWL) experience-based career education (EBCE) materials and experiences, (2) provide experiential community learning through individual projects that result in academic credit toward graduation, (3) enable students to obtain career and job opportunities information assistance in determining future employment demands and specific learning counseling through individualized projects in community settings, (4) provide students an opportunity to apply academic knowledge and skills in a community setting, (5) provide students the opportunity to explore a broader spectrum of careers than presently available through the use of the community's resources, and (6) broaden the scope of career options presently available by eliminating sex role stereotyping. To accomplish these objectives, project staff will review staff roles, review or revise areas receiving academic credit, revise student program projects, review or revise community employer sites, initiate student recruitment and increase enrollment to 120-150, complete student selection, provide student orientation, conduct demonstration and dissemination activities, recruit community resource organizations, develop promotional materials for EBCE, and evaluate EBCE using internal and external sources including a third-party evaluation design.

AR 79 0173

To Improve the Probability of Success (TIPS) (Continuation).
Project Director: Smith, Sarah Elizabeth
Organization: Herrin Community Unit 4, Ill.
Address: 700 North 10th Street, Herrin, IL 62948
Descriptors: Academic Failure, Agriculture, *Class Management, Delivery Systems, *Disadvantaged Youth, Economically Disadvantaged, Educationally Disadvantaged, Followup Studies, *Handicapped Students, Inservice Programs, Instructional Materials, *Remedial Programs, Resource Guides, Secondary Education, *Teaching Skills
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $72,550
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-140

The classroom teacher of handicapped and disadvantaged students will receive assistance in this project, and tangible evidence will be provided that the assistance rendered carries over into the occupational endeavors of participating target students. The project will (1) operate two exemplary sites at widely dispersed locations for the Illinois Network for the Disadvantaged and Handicapped Students, (2) hold staff development sessions and one-day workshops as requested by local education agencies in Region 6 to improve teaching competencies related to handicapped and disadvantaged students in the classroom, (3) conduct further research on classroom management of disadvantaged and handicapped students in the exemplary sites, and where possible, in the LEAs being worked with, (4) produce relative materials useful for the classroom teacher in addition to the Phelp's materials, and (5) produce a text in agriculture to be used for the disadvantaged and handicapped students in the classroom. Procedures will involve developing three types of inservice program for delivery to classroom teachers, securing dates and places for all workshops and inservice sessions including dates for sessions to be held in Herrin and Flora, delivering all workshops requested, executing a follow-up on all previous TIPs target students, initiating and carrying out further research on questioning techniques and sidedness, and assisting in the production of further materials and texts for use by classroom teachers of handicapped or disadvantaged students.

AR 79 0174

Validation and Dissemination of the Career Education System.
Project Director: Wertz, Dean
Organization: State Dept. of Education
Address: Chicago Heights, IL
Descriptors: *Career Education, Data Collection, Elementary Education, Field Studies, *Information Dissemination, *Information Networks, Inservice Programs, Instructional Materials, Program Evaluation, *Program Validation, *Resource Centers, Skill Development
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $53,434
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-C9-152

During the final year of this three-year project, the goal is to field test all materials that have been produced and subsequently disseminate these materials on a state-wide basis. Project objectives to accomplish this goal are to (1) utilize a network of six field test sites throughout the state of Illinois; (2) implement a system of inservice programs for the field test sites workshops to collect and compile the field test data; (3) analyze the data collected from the field test sites and prepare final draft for state liaison review; (4) prepare five

hundred sets of the career education system for state-wide distribution; (5) establish, with the technical assistance from AVTE, a system of dissemination with the possibility of including workshops at three conferences during the 1978-79 school year; and (6) continue the career education activities which consist of refining the current network of career education building representatives in each local attendance center, conducting inservice activities to aid in the understanding and further development of career education within the cooperative, and continuing the upgrading of the resource center with materials, community resource speakers, and the dissemination of career education information to the teachers and students in the cooperative.

AR 79 0175

Vocational Programs for Handicapped and Disadvantaged Students in Area Career Centers.
Project Director: Stutrud, Carolyn
Organization: Sauk Area Career Center, Worth, Ill.
Address: 5933 West 115th Street, Worth, IL 60482
Descriptors: *Curriculum Guides, *Disadvantaged Youth, *Exceptional Persons, Guidance Centers, *Handicapped Students, Information Dissemination, Inservice Programs, Needs Assessment, *Performance Based Education, Program Coordination, Program Development, Program Planning
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $69,262
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-142

This project will benefit special needs and students enrolled in area vocational centers throughout Illinois. Objectives are to (1) continue to expand Sauk Area Career Center (SACC) program activities developed during Phase I, II, and III of the Handicapped and Disadvantaged Project; (2) initiate or expand cooperative efforts between vocational instructors and special education personnel in the area of vocational programs through continued diffusion activities; (3) identify activities for special needs students at area vocational centers throughout the state and work with the steering committee in coordinating dissemination of products and implementation of processes which are identified; and (4) participate in the workshops as well as provide local facilities and organizational assistance as needed for this activity. Activities will be planning cooperatively by the steering committee and SACC staff to assess current services for special needs students at area vocational centers, and to exchange ideas, expand supportive services, and provide inservice, workshop, or consultant services as requested by interested area vocational centers and special education personnel. This project will produce a competency-based instruction manual, a pre-employment curriculum, a carpentry manual for special-needs students, sign language class videotapes and manuals, and inservice activity brochures.

AR 79 0176

Vocational Project for Handicapped and Disadvantaged Students.
Project Director: Webb, Gerald
Organization: Community Unit School District 7, Edwardsville, Ill.
Address: 708 St. Louis St., Edwardsville, IL 62025
Descriptors: Accountability, *Disadvantaged Youth, Educational Opportunities, *Handicapped Students, Individualized Programs, *Information Dissemination, Inservice Programs, Mainstreaming, *Measurement Instruments, *Needs Assessment, *Program Development, Program Evaluation, Special Programs, *Student Needs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $67,120
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD2-D9-143

In order to heighten the awareness of and increase the compassion for the special occupational needs of handicapped and disadvantaged by vocational educators, facilitate the training and retraining of vocational educators to meet the challenge of educating special needs students, and increase vocational training and placement opportunities afforded handicapped and disadvantaged persons previously denied due to lack of specially designed services and programs, project staff will (1) develop a system for identifying, planning, and implementing dissemination activities that meet the needs of those involved in the vocational education of handicapped and disadvantged students; (2) plan and implement awareness and adaption and adoption diffusion activities with districts which indicate a desire to upgrade their occupational programs and services for handicapped and disadvantaged students; (3) develop and disseminate materials, techniques, and concepts supportive of the inservice, technical assistance, and diffusion function to districts throughout the state; (4) continue the development and expansion of vocational programs to effectively meet the needs of all handicapped and disadvantaged students; and (5) develop an accountability system and evaluation instruments to provide a means for continuous assessment. This project will employ appropriate professional personnel to plan, direct, coordinate, and manage the dissemination/diffusion program and contract for long and short term agreements to provide services to districts in close geographic proximity or who have similar demographic characteristics to Edwardsville District #7. Project staff will participate in conferences, workshops, exhibits, and other planned programs involving audiences concerned with the vocational education of handicapped and disadvantaged students; provide occupational education to disadvantaged and handicapped students through mainstreaming, special programs, prescriptive education, individualization, and ancillary services; and develop and administer appropriate evaluative instruments and keep accurate records of project activities.

Curriculum Development (Sec. 133)

AR 79 0177

Advertising Services: A Suggested Curriculum–Phase II.
Project Director: Wray, Ralph D.
Organization: Illinois State Univ., Normal
Address: Normal, IL 61761
Descriptors: *Career Ladders, Curriculum Development, *Curriculum Guides, *Distributive Education, *Job Skills, Learning Activities, *Merchandising, *Performance Based Education, Performance Criteria, Teaching Guides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-108

A competency-based teaching guide for advertising services will be developed and an inservice and dissemination session for teachers of marketing and distribution will be conducted in this project. Specific objectives are to (1) identify and obtain learning and resource materials available for advertising services and index the materials according to previously validated competencies and learning activities, (2) develop and duplicate the field test instruments to be used in determining the appropriateness and expected effectiveness of the curriculum guide, (3) identify field test participants, (4) review the field test results and modify the curriculum guide. Five hundred copies of "Advertising Services: A Suggested Curriculum Guide" will be delivered to DAVTE. In addition, consultants in business, marketing, and management occupations will be presented with an overview of the project and asked for their suggestions for implementing the guide in local education agencies.

AR 79 0178

Competency-Based Curriculum for Agricultural Occupations–Phase II.
Project Director: Legacy, James
Organization: Southern Illinois Univ., Carbondale
Address: Carbondale, IL 62901
Descriptors: *Agricultural Occupations, Agricultural Skills, *Horticulture, Job Analysis, *Job Skills, *Occupational Information, *Performance Based Education
Identifiers: *Retail Florists
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $42,795
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-102

Project objectives are to (1) develop and field test instructional resources in the job title area of retail florist, (2) complete a job title matrix for agricultural occupations programs, (3) devise a five-year plan for developing competency-based vocational education in the agricultural occupations area, and (4) document the curriculum development procedures used to develop the plan and matrix. An advisory committee will be formed to prepare and conduct the job title survey, review the curriculum, and prepare the five-year plan. The matrix, curriculum, and plan will be disseminated to teachers.

AR 79 0179

Competency-Based Curriculum Guide in High School Horticulture (Continuation).
Project Director: Polaskey, Norman A.
Organization: Bremen Community High School District 228, Midlothian, Ill.
Address: 15233 S. Pulaski Road, Midlothian, IL 60445
Descriptors: *Curriculum Guides, Employment Projections, *Followup Studies, Grade 10, Grade 11, Grade 12, Information Dissemination, *Job Skills, Material Development, *Ornamental Horticulture, *Performance Based Education, *Program Effectiveness, Secondary Education, Senior High Schools
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,066
Sponsoring Agency: Illinois State Office of Education, Springfield

Contract and/or Control No.: RD3-B9-107

A competency-based horticulture guide intended to provide tenth, eleventh, and twelfth grade students with job-entry competencies in the field of ornamental horticulture will be field tested with thirty students to determine the effectiveness of the entire system, including instructional materials, teaching guides, logistics, and management. A follow-up survey of program completers will be conducted to determine if objectives were valid and relevant, and gauge the sytem's long-range effectiveness and usefuiness. In addition, the system will be disseminated and workshops provided for interested vocational teachers and personnel. Along with 300 copies of the competency-based guide, twelve copies of a final report will be delivered.

AR 79 0180

Demonstrate How Schools Are Delivering Vocational Instruction Using Competency-Based Curricular Methods–Phase II.
Project Director: Cobb, Henry R., Jr.
Organization: DuPage Educational Service Region, Wheaton, Ill.
Address: 421 N. County Farm Road, Wheaton, IL 60187
Descriptors: Curriculum Evaluation, *Delivery Systems, *Demonstration Centers, *Evaluation Methods, *Individualized Programs, *Information Dissemination, Learning Modules, *Multimedia Instruction, *Performance Based Education, Program Descriptions, Program Development, Program Effectiveness
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $51,138
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-130

The DAVEA Center's competency-based curriculum and learning delivery system has existed for the past three years. The purpose of this funding is to (1) develop for publication a description of the DAVEA Center's Individually Guided Learning System (IGLS) of competency-based vocational education and a transportable model of the same, (2) develop an effective system for diffusing and disseminating the DAVEA Center IGLS, establish the DAVEA Center as a demonstration center for competency-based vocational education, and (3) extend the evaluation and increase the validity of the competency-based system by interviewing a sample of employers to examine their response to the system and the quality of training that the DAVEA Center provides. This evaluation system will also include community members, parents, students, local school personnel, and DAVEA Center staff. A multi-media program (print, slide/tape, and video tape) that may be disseminated to the education community will be created to describe the method of designing and implementing a competency-based curriculum. Staff personnel will also create an individualized package to aid other educators in understanding the concepts of the DAVEA IGLS. This package may also be used to aid, teach, and evaluate visitors as a part of their visit to the demonstration center.

AR 79 0181

Develop Competency-Based Curriculum Guides for Graphic Arts Vocational Programs–Phase II.
Project Director: Pollock, Steve
Organization: Johnsburg District 12, McHenry, Ill.
Address: 2117 W. Church St., McHenry, IL 60050
Descriptors: Curriculum Development, *Curriculum Evaluation, *Curriculum Guides, *Graphic Arts, Individualized Instruction, *Learning Modules, *Performance Based Education, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,144
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-100

A resource book will be developed in this project to be used in Illinois' schools to improve and plan graphic arts vocational programs. Specific objectives are to field test and revise the curriculum guide developed in Phase I of this project, print 500 copies of it, develop individualized packets for student use, and complete plans for Phase III which will consist of a demonstration center and workshops to disseminate the completed materials. One class of Johnsburg High School will be selected to field test the orientation to graphics section of the curriculum guide. A first- and second-year class in graphic arts will be selected to field test the curriculum guide. After each section of the guide is field tested, it will be revised.

AR 79 0182

Development of a Hardware-Building Materials-Farm and Garden Curriculum Guide.
Project Director: Luft, Roger L.
Organization: Southern Illinois Univ., Carbondale
Address: Carbondale, IL 62901
Descriptors: *Agricultural Occupations, Agricultural Skills, *Building Materials, *Career Ladders, Class Activities, Curriculum Development, *Curriculum Guides, Educational Objectives, *Job Skills, Material Development, Program Evaluation, Skill Development
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $8,241
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-A9-240

A curriculum guide for hardward building materials and farm and garden occupations will be developed to include instructional objectives, suggested learning activities, and identification of resources necessary to prepare students for entry-level employment which allows them to advance on the career ladder. Procedures will include (1) determining entry-level positions and advancement opportunities, (2) identifying competencies necessary for entry-level employment opportunities, (3) securing validation of the identified competencies, (4) field testing the curriculum guide, (5) preparing reports required by DAVTE, and (6) using an advisory committee and consultants through the project's developmental activities.

AR 79 0183

Finance and Credit Curriculum Research–Phase II.
Project Director: Harris, E. Edward
Organization: Northern Illinois Univ., DeKalb
Address: 323 Wirtz Hall, DeKalb, IL 60115
Descriptors: Behavioral Objectives, *Credit (Finance), *Curriculum Guides, *Distributive Education, *Finance Occupations, *Job Skills, *Performance Based Education, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,925
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-105

The first-draft copy of a finace and credit curriculum guide containing competency statements, a competency grid, cluster objectives, suggested learning activities, references, and a bibliography of instructional materials will be prepared in this project. The guide will be field tested in about 200 local education agencies and finance and credit institutions. Following revision, 500 copies of the guide will be disseminated.

AR 79 0184

Illinois V-TECS Study.
Project Director: Hattwick, Richard
Organization: Western Illinois, Univ., Macomb
Address: 900 W. Adams, Macomb, IL 61455
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $25,201
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-A9-189

Illinois will become an active V-TECS catalog-producing state by completing a report of the first V-TECS domain, conducting an occupational survey, beginning the state-of-the-art review for a second domain, and having staff attend V-TECS training and special sessions. Catalog preparation will follow the 1978 V-TECS procedures manual and will include preparation of the state-of-the-art report, preparation of an occupational inventory, delineation of the survey population, location of incumbent workers, preparation of the domain report, and administration of the occupational survey. A final report will be produced.

AR 79 0185

Modular Curriculum Guides for Homemaking as a Career (Continuation).
Project Director: Oldham, Mary Jo
Organization: Southeastern Illinois Coll., Harrisburg
Address: R.R. #4, College Drive, Harrisburg, IL 62946
Descriptors: Adults, *Career Education, *Community Colleges, Curriculum Development, *Curriculum Guides, *Homemaking Education, *Individualized Programs, *Learning Modules, Postsecondary Education
Funding Period: Start Date 15 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $40,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-147

Modular curriculum guides for teaching home economics at the community college level will be developed in this project. Selected modules will be tested in homemaking classes at Southeastern, and usable curriculum guides will be prepared for dissemination. Full field testing will be conducted in 1979-80.

AR 79 0186

Parenthood Education: A Curriculum Development Project (Continuation).
Project Director: Winsor, Helen B.
Organization: Northern Illinois Univ., DeKalb. Dept. of Home Economics
Address: 209 Wirtz Hall, DeKalb, IL 60115
Descriptors: Curriculum Development, *Curriculum Guides, Information Dissemination, *Parenthood Education, *Performance Based Education, Secondary Education, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $37,865
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-104

Developing, field testing, and disseminating a competency-based curriculum guide in parenting education for use in Illinois are the objectives of this project. Procedures will be to (1) identify experts in the field in Illinois; (2) identify competencies to form the basis for curricula building; (3) develop criteria for each competency identified; (4) develop, identify, and compile enabling activities; (5) field test curricula materials; (6) deliver 500 copies to DAVTE; and (7) conduct dissemination workshops.

AR 79 0187

Revise and Update "Expanding Career Horizons."
Project Director: Steiger, JoAnn
Organization: Steiger, Fink & Kosecoff, Inc., Santa Monica, Calif.
Address: 309 Santa Monica Blvd., Suite 206, Santa Monica, CA 90401
Descriptors: *Career Awareness, Career Exploration, Class Activities, Curriculum Development, *Educational Games, *Equal Education, Information Dissemination, Inservice Programs, *Instructional Materials, Material Development, *Sex Fairness
Funding Period: Start Date 12 Feb 79; End Date 12 May 79
Fiscal Year Funding: $9,486
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-A9-237

"Expanding Career Horizons" curriculum materials, which have been used as the basis for sex equity workshops and classroom activities during the past two years in Illinois, will be revised and updated. The materials, originally completed in 1976, are in need of revisions due to recent changes in educational equity as a result of the 1976 vocational education legislation. The materials also have been selected for inclusion in the National Center for Research in Vocational Education Programs of National Significance. The project will be available for nationwide inservice training. Products to be delivered include camera-ready copy of the the teacher's guide, handouts, and a gameboard. Revisions will include incorporating user suggestions, simplifying the language, updating statistics, and including recent developments in sex-fairness in guidance testing.

AR 79 0188

Transportation and Warehousing Curriculum Research–Phases I and II.
Project Director: Harris, E. Edward
Organization: Northern Illinois Univ., DeKalb
Address: DeKalb, IL 60115
Descriptors: Career Exploration, *Career Ladders, *Career Opportunities, Career Planning, *Curriculum Guides, *Curriculum Research, Decision Making, Grade 7, Grade 9, Grade 10, Inservice Programs, Job Skills, Program Development, Promotion (Occupational), Secondary Education, Skill Development, *Transportation, *Warehouses
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $10,260
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-A9-239

A curriculum guide which includes provisions for teaching the essential competencies and making students more aware of career opportunities and promotion criteria in the field of transportation and warehousing will be prepared. The guide, which will include measurable objectives, suggested teaching strategies, and a listing of available resources, will serve as a reference on the career orientation and preparation levels. Procedures will include (1) studying marketing employment research literature, interviewing business executives, and conducting task analyses to determine common and specialized competencies and identifying career ladders; (2) preparing competency statements and giving priorty to these competencies in first level positions; (3) preparing and field testing the curriculum guide, and (4) printing the guide and conducting inservice training for users of the guide.

AR 79 0189

Vocational-Technical Education Consortium of States (V-TECS).
Project Director: Childers, B. E.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Address: 795 Peachtree St., NE, Atlanta, GA 30308
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, Consortia, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-B9-162

This project will support Illinois' membership in the V-TECS to allow Illinois to (1) share research and develomental costs, (2) minimize duplication of effort in occupational analysis and curriculum development, (3) share the costs of computer equipment and technical personnel, and (4) promote the concept of performance-based vocational and technical education with the learner as the focal point. As a V-TECS member, Illinois will develop valid catalogs of performance objectives, criterion-referenced measures, and performance guides for use in vocational andd technical education curriculum development. This will be accomplished by establishing projects after analyzing and selecting occupational domain areas for catalog development; conducting state-of-the-art studies and developing preliminary lists of tasks and tools and equipment based on a review of existing literature; refining the lists by extensive interviewing of incumbent workers and supervisors; compiling and administering the occupational inventory to a random sample of incumbent workers; obtaining responses relative to task performance, task-time spent, and tool and equipment utilization; and amassing the data by computer. The data reports will be used by writing teams to determine the tasks to be converted to performance objectives. A field review version of the catalog of performance objectives, criterion-referenced measures, and performance guides will be prepared, field tested, and refined. Two copies of the catalogs developed by member states will be produced.

AR 79 0190

Workshop Series for Staff Development and External Funding of Bilingual Vocational Training and Job Placement in Illinois.
Project Director: Osberg, James
Organization: Southern Illinois Univ., Carbondale
Address: Carbondale, IL 62901
Descriptors: *Bilingual Education, Curriculum Development, *English (Second Language), *Job Placement, Secondary Education, Spanish Speaking, *Staff Improvement, Student Evaluation, *Teacher Workshops, Vocational Adjustment, Vocational Education Teachers
Funding Period: Start Date 16 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $35,560
Sponsoring Agency: Illinois State Office of Education, Springfield
Contract and/or Control No.: RD3-D9-138

Six workshops designed to improve currently funded activities in bilingual vocational education and job placement in Illinois will be conducted during this project. Four workshops will be provided for staff members of community-based vocational and placement programs within the Hispanic community in Illinois. These workshops will cover (1) using English as a second language in vocational programs; (2) evaluating language competency, vocational interest, and career awareness of clients in community-based vocational programs; (3) job development; (4) and bilingual vocational curriculum develoment. One workshop will be provided for directors and leaders in the Hispanic community which is intended to aid the Hispanic community in developing additional sources of funding for the improvement and expansion of vocational offerings to the Hispanic community. Inservice workshops will be provided to train the Spanish-speaking staff of the Illinois Migrant Counsel, the Illinois Office of Education, Bilingual Section, AVTE, and community-based Hispanic vocational training centers in using newly developed curriculm materials concerning work survival skills for the Spanish-speaking, and in evaluating those materials for use with Spanish speakers in secondary and adult vocational, occupational, and career awareness programs.

INDIANA

Research (Sec. 131)

AR 79 0191

Assessment and Planning (Continuation).
Project Director: Jessup, Roger
Organization: Mississinewa Community Schools, Gas City, Ind.
Address: 424 W. Main Street, Gas City, IN 46933
Descriptors: Information Dissemination, *Needs Assessment, *Organizational Communication, *Program Planning, *Regional Planning, Regional Programs, *Technical Assistance
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $30,530 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 268-78-III-1

A technical assistance package that could be disseminated to local schools doing needs assessments and planning projects using information from a previous project will be developed, and technical assistance will be provided on request. A summary of the current status of regional communications efforts in each of the fourteen economic planning regions will be compiled, and a framework for a state-wide and regional communication system will be developed. A uniform system for reporting and disseminating information beneficial to program planning will result.

AR 79 0192

Impact of Vocational Education Research and Development Products in Indiana.
Project Director: Kim, Jin Eun
Organization: Indiana Univ., Bloomington. Dept. of Vocational Education
Address: Bloomington, IN 47401
Descriptors: Adoption (Ideas), Data Analysis, Data Collection, *Evaluation Methods, *Field Studies, Material Development, Measurement Instruments, *Program Development, *Program Effectiveness, *Program Evaluation, *Summative Evaluation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $40,796
Note: This project also received $17,216 in agency funds for FY 1979.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 26-78

The purpose of the project is to assess the impact of vocational education on research and development products funded through the State Board of Vocational and Technical Education. Specific objectives are to (1) develop a framework for assessing research and development projects; (2) analyze inputs to research and development activities by program areas; (3) evaluate the quality of research and development products; (4) identify diffusion and adoption rates; and (5) assess impacts of adopted research and development products. Procedures will include: (1) reviewing related evaluation studies; (2) developing an evaluation framework; (3) examining official records on research and development projects; (4) reviewing research and development products by a review panel; (5) developing instruments; (6) collecting data by mail; (7) visiting field sites; (8) analyzing collected data; and (9) preparing a final report.

AR 79 0193

Projected Effects of Population Change on Vocational and Technical Education.
Project Director: Robson, Donald
Organization: Purdue Univ., West Lafayette, Ind.
Address: West Lafayette, IN 47907
Descriptors: *Enrollment Trends, *Labor Supply, *Manpower Needs, *Occupational Surveys, Population Trends, Program Planning, *Trend Analysis
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,000 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 290-78-III-1

A detailed, comprehensive analysis of past, present, and projected trends in vocational and technical education as affected by changes in population and in labor supply and demand will be made. Alternative directions for vocational and technical education and trends in Indiana for a five-year period will be identified. Trend data in vocational and technical education will be compared with labor supply and demand data for the last five years. Projections will be made for vocational and technical enrollment, program needs, geographic region needs, and labor demand by occupational categories as related to vocational and technical program and areas and by geographic region within Indiana.

Exemplary and Innovative (Sec. 132)

AR 79 0194

Coordinated Effort for Delivering Vocational Special Needs Personnel Development.
Project Director: Lowe, Phyllis
Organization: Purdue Univ., West Lafayette, Ind.
Address: Hovde Hall, West Lafayette, IN 47907
Descriptors: *Inservice Teacher Education, *Interinstitutional Cooperation, *Preservice Education, *Special Education, Universities, *Vocational Education Teachers
Funding Period: Start Date 21 Aug 78; End Date 31 Aug 79
Fiscal Year Funding: $35,000 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 224-78-III-2

A state-wide preservice system of coordinated activities for teacher educators of vocational and special education and an inservice plan for vocational teachers of special needs learners will be developed. Adequate resources for these teachers will be provided, and the four state universities will be assisted in developing inter- and intradepartmental linkages and in planning meetings among institutions and the state vocational staff.

AR 79 0195

Demonstration and Dissemination of a Student Personnel Services Model (Continuation).
Project Director: Fields, Charles E.
Organization: New Albany-Floyd County Consolidated School Corp., Ind.
Address: 802 E. Market Street, New Albany, IN 47105
Descriptors: Admission (School), Occupational Guidance, *Student Personnel Services, Vocational Followup
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $40,000 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 289-78-III-2

A successful student personnel services unit will be demonstrated, and printed information describing the model and procedures for demonstration participants will be provided. The model will serve as a resource to the Bureau of Vocational and Technical Education for student personnel services components of admissions, counseling, and placement follow up. Up to twenty-four group presentations will be made, and up to two-and-a-half hours of information consultation to participants groups will be provided. About 400 copies of a software package will be distributed to participants and interested personnel.

AR 79 0196

Implementation of the Expanded Indiana Vocational Education Information Services.
Project Director: White, Thomas R.
Organization: Indiana Univ., Bloomington. School of Education
Address: Rm. 216, Bloomington, IN 47401
Descriptors: *Information Dissemination, *Information Processing, Information Retrieval, *Information Systems, *Information Utilization, *Newsletters
Funding Period: Start Date 1 Oct 79; End Date 30 Sep 79
Fiscal Year Funding: $60,000 (Charged to FY 1978)
Note: This project also received $4,098 under Sec. 131 for FY 1978.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education

Contract and/or Control No.: 267-78-III-124

This project will continue the Indiana "Vocational Education Information Services" and the production and dissemination service which will abstract, synthesize, edit, and publish information about selected state Bureau of Vocational and Technical Education projects in a series of four newsletters and six reports. The information organization and retrieval service will store research and development information and search computerized data bases to more effectively serve Indiana educators.

AR 79 0197

Perry County Operational Plan to Implement Performance-Based Vocational Education.
Project Director: Archer, David C.
Organization: Perry County Area Vocational Education Program, Tell City, Ind.
Address: 13th & Tell Streets, Tell City, IN 47586
Descriptors: Curriculum Development, *Curriculum Evaluation, Data Collection, *Educational Resources, Employers, *Followup Studies, Graduates, Human Resources, *Material Development, Models, *Performance Based Education, *Program Development
Funding Period: Start Date 10 Jul 78; End Date 11 Jun 79
Fiscal Year Funding: $4,399
Note: This project also received $1,525 in agency funds.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis

An operational plan to implement performance-based education in the Perry County area vocational education program will be developed in this project. Project objectives are to (1) identify persons to serve as local resource personnel for other vocational teachers, (2) develop a performance-based format that can be used by all vocational instructors for constructing their own curriculum, and (3) develop an instrument to be used to follow-up graduates and employers regarding curriculum. A pilot approach using one vocational program to serve as a model for the entire local agency will be used and V-TECS catalogs, as well as other resources, will be used. The data collected through the follow-up instrument will be used to develop performance-based curriculum in one area and will provide a systematic approach to be used in developing other vocational disciplines. After implementation, the project staff will review the curriculum and make recommendations based on input from students, advisory committee members, the building principal, and the vocational director.

AR 79 0198

Planning Year Vocational Area 39 and 43.
Project Director: Carnahan, Joyce
Organization: South Knox School Corp., Monroe City, Ind.
Address: P.O. Box 388, Monroe City, IN 47557
Descriptors: *Administrative Organization, *Ancillary Services, Cost Effectiveness, *Educational Planning, *Program Costs, *Program Development, Regional Planning
Funding Period: Start Date 1 Jan 79; End Date 30 Dec 79
Fiscal Year Funding: $20,000
Note: This project also received $20,000 in local funds for FY 1979.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 64-79-III

An advisory committee and task forces will be used extensively in planning to implement a vocational area for Districts Thirty-nine and Forty-three. The two vocational areas will be combined into one administrative unit to reduce the cost of providing vocational education. Field services will be provided and a long-range vocational plan for the area will be developed.

AR 79 0199

Putnam County High School Vocational Education Planning District 30.
Project Director: Frazee, Charles D.
Organization: South Putnam Community School Corp., Greencastle, Ind.
Address: R.R. 2, Box 58 Greencastle, IN 46135
Descriptors: Adult Programs, Area Vocational Schools, *Instructional Improvement, *Models, *Physical Facilities, Pilot Projects, *Program Evaluation, *Program Planning, Secondary Education, *Student Needs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $26,132 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 204-78-III-2

To develop a pilot model for planning vocational programs and services for students and adults in the Putnam County Area Vocational District, current vocational programs will be reviewed and analyzed, and recommendations will be made concerning the improvement of instructional and physical needs. The needs of students and the community will be analyzed and recommendations for implementation will be made. Involvement of the governing board, high school principals, counselors, citizen advisory and craft advisory members, and other business leaders will provide for the development of a total vocational program. Budgets and financial resources will be reviewed and recommendations of curricular improvements and new programs for high school and adult training will be made.

Curriculum Development (Sec. 133)

AR 79 0200

Curriculum Articulation between Secondary and Postsecondary Levels.
Project Director: Carter, Meredith L.
Organization: Indiana Vocational Technical Coll., Indianapolis
Address: 1315 E. Washington Street, Indianapolis, IN 46202
Descriptors: *Articulation (Program), *Instructional Materials, *Performance Based Education, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $40,000 (Charged to FY 1978)
Note: This project also received $19,710 in local funds for FY 1978.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 271-78-III-3

Development of performanced-based vocational education curriculum for two selected job titles will include domain identification, task analysis, learning content identification, and domain-referenced tests. Four program areas will be selected for joint curriculum development, and a secondary and postsecondary articulation plan will be developed, field tested, evaluated, and revised.

AR 79 0201

Development of Performance-Based Vocational Education Curriculum Materials for Vocational Agribusiness Programs.
Project Director: Richardson, William B.
Organization: Purdue Univ., West Lafayette, Ind.
Address: Hovde Hall, West Lafayette, IN 47907
Descriptors: *Agricultural Chemical Occupations, *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, Floriculture, *Landscaping, Nurseries (Horticulture), *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $48,800 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 272-78-III-3

Performance-based curriculum materials, using V-TECS procedures, will be developed for agriculture chemicals, nursery operations, landscaping design and sales, and landscaping. A V-TECS catalog in landscape design and sales will be developed. A task verification of the V-TECS floriculture catalog using a purposive study will be conducted. The project will serve as the fiscal agent for the state-wide agribusiness curriculum steering committee.

AR 79 0202

Distributive Education Competency-Based Curriculum Models Field Test (Continuation).
Project Director: Davis, Rodney E.
Organization: Ball State Univ., Muncie, Ind.
Address: 2000 University Avenue, Muncie, IN 47306
Descriptors: *Comprehensive High Schools, *Distributive Education, *Instructional Materials, *Marketing, *Performance Based Education, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $22,869 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education
Contract and/or Control No.: 273-78-III-3

The three-year, competency-based distributive education curriculum models will be field tested in two- and three-year comprehensive high schools and area career centers, evaluated, revised, and disseminated. A tentative marketing occupational matrix by clusters and job titles also will be developed.

AR 79 0203

Human Resources Development Subsystem for Performance-Based Vocational Education.
Project Director: Fleenor, Edgar; Keiser, Jerry

Organization: Indiana Univ., Indianapolis
Address: 799 West Michigan Street, Indianapolis, IN 46202
Descriptors: *Articulation (Program), *Auto Mechanics, Catalogs, *Human Resources, *Inservice Programs, *Performance Based Education, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $50,000 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board for Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 270-78-III-35

Products and inservice training programs to facilitate the implementation of the human resources components for performance-based education will be developed concurrently. Local administrators, teachers, and counselors will be trained to describe steps in implementing a performance-based program according to Bureau of Vocational and Technical Education criteria; transportable inservice programs will be developed to facilitate the implementation of performance-based curriculum materials and media. Two model sites will be developed to demonstrate articulation between secondary and postsecondary programs. Two domain catalogs will be developed for the auto mechanics matrix, and task analysis will be done for two job titles within one of the two catalogs.

AR 79 0204

Indiana Vocational Technical College College-Wide Curricula Restructure–Phase III.
Project Director: Ullery, J. William
Organization: Indiana Vocational Technical Coll., Indianapolis
Address: 5221 Ivy Tech Drive, P.O. Box 1763, Indianapolis, IN 46206
Descriptors: *Access to Education, Career Opportunities, Curriculum Development, Educational Opportunities, Material Development, Measurement Instruments, *Parttime Students, *Performance Based Education, Performance Criteria, *Working Parents
Funding Period: Start Date 1 Jan 79; End Date 31 Dec 79
Fiscal Year Funding: $35,000
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 77-79-III-3

A flexible, performance-based curriculum intended to increase accessibility of courses to parttime students and working parents will be developed in this continuation project. Phase III objectives are to develop basic documentation of all courses; refine the restructured programs, career options, and expanded short-term training opportunities; and develop performance criteria and measurement instruments for all courses.

AR 79 0205

Performance-Based Curriculum Development for Disadvantaged and Handicapped Students.
Project Director: Camp, William G.
Organization: Purdue Univ., Lafayette, Ind.
Address: West Lafayette, IN 47907
Descriptors: Curriculum Development, *Disadvantaged Youth, *Handicapped Students, *Instructional Materials, *Performance Based Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $29,801 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 276-78-III-3

A procedural model for modifying existing performance-based curriculum materials for use as learning packages for disadvantaged and handicapped students will be developed. A minimum of twenty learning packages will be developed, field tested, revised, and dissemination. Follow-up inservice will be provided as needed.

AR 79 0206

Performance-Based Vocational Education in Postsecondary Computer Technology Program.
Project Director: Bainter, Jack J.
Organization: Indiana Vocational Technical Coll., Muncie, Ind.
Address: 4100 Cowan Road, Muncie, IN 47302
Descriptors: *Articulation (Program), *Computer Science Education, *Instructional Materials, *Performance Based Education, Programing, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $35,000 (Charged to FY 1978).
Note: This project also received $5,004 in local funds for FY 1978.
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 275-78-III-3

A performance-based program in computer programming technology using V-TECS as a resource for performance objectives will be developed, including writing objectives, analyzing tasks, and developing criterion-referenced tests and learning activities. The program will be field tested and reviewed. The curriculum will provide for articulation between secondary and postsecondary institutions.

AR 79 0207

Plan for Updating and Implementing Performance-Based Vocational Education Materials in Health Occupations.
Project Director: Wilhelm, Warren, J., Jr.
Organization: Purdue Univ., Lafayette, Ind.
Address: 2101 Coliseum Blvd., East, Fort Wayne, IN 46805
Descriptors: *Computer Programs, *Criterion Referenced Tests, *Health Occupations Education, *Medical Assistants, *Paraprofessional Personnel, *Performance Based Education, Secondary Education
Funding Period: Start Date 1 Jan 79; End Date 31 Dec 79
Fiscal Year Funding: $33,964 (Charged to FY 1978)
Sponsoring Agency: Indiana State Board of Vocational and Technical Education, Indianapolis
Contract and/or Control No.: 274-78-III-3

The existing health occupations matrix will be reviewed and updated as necessary and a computer program for the matrix will be developed to retrieve data as needed. The medication aide curriculum will be field tested in three secondary programs and evaluated; domain-referenced tests will be developed. A final report will be written.

IOWA

Research (Sec. 131)

AR 79 0208

Bid to Conduct a Third Party Evaluation of the Exemplary Project, "Career Curriculum in Industrial Arts."
Project Director: Dyrenfurth, Michael J.
Organization: Missouri Univ., Columbia
Address: 103 Industrial Education, Columbia, MO 65211
Descriptors: *Curriculum Evaluation, Formative Evaluation, *Industrial Arts, Program Effectiveness, *Program Evaluation, Summative Evaluation
Funding Period: Start Date 12 Feb 79; End Date 10 Sep 79
Fiscal Year Funding: $3,660
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines

This project will evaluate both formatively and summatively the extent to which the objectives of the career curriculum in industrial arts project are being met. The project also will provide information on needed modifications in project procedures, activities, materials, guides, and handbooks. Evaluation activities will include visiting each project demonstration site, identifying strengths and weaknesses of the project's inservice provisions, assessing the extent to which demonstration teachers contribute to the improvement of the instructional materials, and analyzing data of student pre- and posttesting. An interim report and a final report will be written.

AR 79 0209

Career Opportunities Program at Cherokee Mental Health Institute.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: *Career Education, *Career Opportunities, Experiential Learning, Job Placement, Job Search Methods, *Job Skills, *Job Training, *Mentally Handicapped, Patients (Persons), Psychiatric Hospitals, Skill Development, Vocational Rehabilitation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,000 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-545

The general purpose of the Comprehensive Opportunity Program (COP) is to teach job skills to patients in the Cherokee Mental Health Institute to enable them to reintegrate themselves into their local community and family. Clients will be accepted from the institute's medical team and an individual plan will be developed and followed for each patient. Evaluation of vocational abilities, work attitudes, and work motivation will be provided through comprehensive and structured work settings. Career exploration will be provided through hands-on experience, vocational testing, community college visits, and counseling. Job-seeking skills classes will provide training for patients to find employment. An advisory committee will make recommendations to the project. Coordinated by the Rehabilitation Education Services Branch, the Cherokee Mental Health Institute, the Special Needs Section of the Department of Public Instruction, and Iowa Lakes Community College, this program will provide vocational assessment, vocational training, and job placement to patients in a mental health institute as well as training materials and vocational assessment tools. The methods used in working with mental institute patients will be made available to other projects and states.

AR 79 0210

Developing and Improving Career Education for the Disadvantaged and Handicapped in Iowa.
Project Director: Greenwood, Charles
Organization: Drake Univ., Des Moines, Iowa
Address: 302 Memorial Hall, Drake University, Des Moines, Iowa 50311
Descriptors: Alternative Schools, *Career Education, Counseling Instructional Programs, Curriculum Development, *Disadvantaged Youth, Graduate Study, *Handicapped Students, *Inservice Teacher Education, Needs Assessment, Postsecondary Education, Preservice Education, *Special Education, *Teacher Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $37,260
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-262

In order to provide state-wide postsecondary special needs assessment, develop special needs curriculum in Drake graduate and undergraduate education programs, prepare an implementation manual for alternative schools, and provide inservice training for personnel in secondary and postsecondary institutions in special needs, project staff will analyze data collected from fifteen area community colleges in Iowa, work with Drake staff and DPI consultants to develop a special needs area of emphasis in the graduate special education and counseling programs, prepare an organizational manual on implementing alternative schools for helping school districts deal with vocational education dropouts, and provide training for local staff in special needs. The manual and a status report of special needs programming at the postsecondary level in Iowa will be disseminated; curriculum and inservice materials will be delivered.

AR 79 0211

Development of Performance Levels of Competencies That Should Be Required of Vocational Technical Instructors.
Project Director: Van Ast, John
Organization: Iowa State Univ., Ames
Address: Ames, IA 50011
Descriptors: *Certification, *Evaluation Criteria, Guides, *Performance Criteria, *Performance Specifications, Skills, *Vocational Education Teachers
Funding Period: Start Date 17 Aug 78; End Date 30 Aug 79
Fiscal Year Funding: $29,858
Note: This project received additional funding of $3,851 under Sec. 131 for FY 1979.
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-11

The performance levels of competencies required for certification of vocational technical instructors as outlined in Appendix A of the state plan will be modified and finalized. To accomplish this, a review of the literature and six state plans will be conducted. An advisory committee and a committee of experts will develop three survey instruments and then collect, analyze and field test data to finalize a list of competencies and establish standards of performance and criteria for measuring performance. An evaluator's guide will be developed which will describe conditions to be met for certification and include samples of activities which evaluators can use in applying the developed criteria to measure competencies. A final report will be written.

AR 79 0212

Dissemination of Experienced-Based Career Education Curriculum Materials for Mildly Mentally Disabled Students.
Project Director: Larson, Carl
Organization: Iowa Central Community Coll., Fort Dodge
Address: Fort Dodge, IA 50501
Descriptors: *Educable Mentally Handicapped, *Information Dissemination, *Instructional Materials, Instructional Staff, Manuals, *Program Development, Program Evaluation, Teacher Education, Teaching Procedures, Work Experience, *Work Experience Programs
Identifiers: *Experienced Based Career Education Program
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $33,895
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FSC-110

With the assistance of the Experienced-Career Education-Mentally Disabled (EBCE-MD) staff of Iowa Central Community College, an individualized system for disseminating EBCE-MD materials and procedures will be provided through AEAs to give mentally disabled students access to vocational education. All Iowa AEAs will be oriented to the EBCE-MD program, work experience instructors or coordinators will be trained in the process, and each AEA will develop the capacity to establish the EBCE-MD program. After the program has been implemented in each AEA, it will be evaluated by a third party. Manuals for EBCE-MD training, experience site training, student evaluation, and staff evaluation will be produced.

AR 79 0213

Employer Follow-Up Survey.
Organization: Iowa State Dept. of Public Instruction, Des Moines. Div. of Career Education
Address: Grimes Building, Des Moines, IA 50319
Descriptors: *Accountability, Data Analysis, *Employer Attitudes, *Followup Studies, Questionnaires, *Student Evaluation, Surveys
Funding Period: Start Date 3 Jan 79; End Date 1 May 79
Fiscal Year Funding: $24,083
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-31

A defined group of present or former employers of vocational education program completers will be surveyed to obtain information for accountability regarding the preparedness of former students. The employer follow-up questionnaire will be finalized and cover letters developed and printed. A tape format for computer processing of questionnaire information will be developed and unique identifications corresponding to each employer/student combination assigned. After the questionnaires and cover letters have been sent to the employers, followup will be conducted by mail and telephone. A tape will be generated from the processed data, and tabulations will be provided.

AR 79 0214

Modification of Employer-School Plan to Serve Adult Handicapped Clients (Continuation).
Project Director: Steinberg, Mark
Organization: Marshalltown Community Coll., Iowa
Address: Marshalltown, IA
Descriptors: *Handicapped, *Job Placement, Job Search Methods, *Laboratory Training, School Community Relationship, *Sheltered Workshops, *Vocational Adjustment
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 81
Fiscal Year Funding: $14,800
Note: This project received additional funding of $12,750 and $17,055 under Sec. 131 for FY 1979.
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-15

A laboratory will be developed in a sheltered workshop to provide supportive programming in work adjustment, onsite vocational training, and job seeking-/survival skills to handicapped adults who have been limited to sheltered work environments, academic-oriented vocational training, or trial/error job placement. In each year of the three-year program, one-third of a minimum of fifteen clients will complete community-based vocational training and one-third of ten clients will be placed in nonsheltered jobs. The project will provide materials in support curricula, placement and training formats, administrative guidelines, site development, and community feedback on the program.

AR 79 0215

Third-Party Evaluation of "Dissemination of Experience-Based Career Education Curriculum Material for Mildly Mentally Disabled Students."
Project Director: Greenwood, Charles; Brooks, Richard
Organization: Drake Univ., Des Moines, Iowa
Address: Des Moines, IA 50311
Descriptors: *Educable Mentally Handicapped, *Program Effectiveness, *Program Evaluation
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 17 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $8,270
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-09

To analyze the effectiveness of the research project, third party evaluators will establish communication with administrative agencies; prepare pre-test instruments, visitation schedules and formats, interview schedules, and data collection and reporting formats; identify non-EBCE groups; and attend inservice programs for AEA personnel. Baseline data collection will be pre-tested with experimental and control groups. Onsite visits will be made to observe procedures, collect data, interview personnel, and analyze placement. A post-test will be conducted with experimental and control groups and will include a data summary. Data will be analyzed, and results, conclusions, and recommendations will be reported.

AR 79 0216

Vocational Assessment.
Project Director: Caster, Jerry
Organization: Des Moines Public School, Iowa
Address: 1800 Grand Avenue, Des Moines, IA 50307
Descriptors: Alternative Schools, *Disadvantaged Youth, High Schools, *Mentally Handicapped, *Program Development, *Program Effectiveness, *Program Evaluation, Secondary Education, Student Opinion, Teacher Attitudes
Identifiers: *Comprehensive Occupational Assessment Tng System
Funding Period: Start Date 1 Sep 78; End Date 1 Jun 79
Fiscal Year Funding: $6,041 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-187

The Comprehensive Occupation Assessment and Training System (COATS) will be implemented and evaluated in four regular high schools serving mentally disabled students and two alternative schools serving disadvantaged students. After implementation, teachers will be surveyed regarding the application of the program to their setting and the program effectiveness; students will be surveyed concerning their perception of COATS and its contribution to their career information and goals. This information will aid in determining the appropriateness of the COATS program in regular high schools and needed modifications and in developing implementation strategies.

AR 79 0217

Vocational Work Experience–ITSB–Eldora.
Project Director: Steinberg, Mark
Organization: Iowa Valley Community Coll. District, Marshalltown
Address: 3700 South Center, Marshalltown, IA 50158
Descriptors: *Daily Living Skills, *Institutionalized Persons, *Job Search Methods, Job Skills, Job Training, Maladjustment, *On the Job Training, Program Evaluation, *Socially Maladjusted, *Vocational Adjustment, Work Experience
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $19,483
Sponsoring Agency: Iowa State Dept. of Public Information, Des Moines
Contract and/or Control No.: SN-588

A system of onsite vocational training will be developed to provide clients of a vocational training school for socially maladjusted youth with supportive programming in work adjustment and job seeking and living skills. Project staff will develop a living skills laboratory at ITSB to test placement readiness for training, develop an instructional program in job seeking skills and survival, and identify and develop community-based training sites where at least fifteen students will complete vocational training. Information and reporting procedures will be evaluated. The project will produce a field-tested model of a modification of the ESP (CSP) concept to institutionalized youth.

Exemplary and Innovative (Sec. 132)

AR 79 0218

Coordination of Work Experience.
Project Director: Ditzenberger, Roger
Organization: University of Northern Iowa, Cedar Falls
Address: 121B Seerley Hall, University of Northern Iowa, Cedar Falls, Iowa 50613
Descriptors: Audiovisual Aids, *Autoinstructional Aids, Cooperative Education, Curriculum Development, *Disadvantaged Youth, *Handicapped Students, *Inservice Teacher Education, *Instructor Coordinators, Learning Modules, On the Job Training, Program Coordination, Program Development, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $26,106
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-233

An inservice education program will be developed to improve the coordination techniques used by cooperative vocational education teachers in providing on-the-job training for handicapped and disadvantaged students. Twelve self-instructional modules and accompanying multi-media will be developed and field tested with special education personnel in Iowa, and critiqued by an advisory committee composed of work experience teachers, state department consultants, and university teacher educators. In addition to the modules, a 35 mm slide/tape presentation explaining a work experience program and a handbook explaining support services which may be used by work experience teachers will be produced.

AR 79 0219

Employee School Program (ESP) for Adults.
Project Director: Goodnow, Don
Organization: Kirkwood Community Coll., Iowa City
Address: 1816 Lower Muscatine Road, Iowa City, IA 52240
Descriptors: *Adult Vocational Education, *Exceptional Persons, *Job Placement, Job Skills, *On the Job Training, *School Community Programs, *Skill Development, Work Experience Programs

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,000 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-35

Special needs adults will be recruited for skills training through the Employee School Program (ESP) for adults. Potential students will be sought in five communities through social service agencies and local organizations. These individuals will be interviewed to determine their areas of interest, present skills, and educational status; personal counseling, testing, and evaluation will be provided to those who desire it. After the individuals are enrolled in and attending skill-training classes, the project director will locate training-related jobs for the students in their local areas. Efforts will be made to place in more permanent jobs those students who successfully complete their training.

AR 79 0220

Employer-Student Shadow Experience for Special Needs Students.
Project Director: Esk, Larry
Organization: Webster City Community School District, Iowa
Address: 304 Prospect Street, Webster City, IA 50595
Descriptors: *Career Education, *Cooperative Education, Employers, Evaluation Methods, *Exceptional Persons, Information Dissemination, Job Skills, Program Descriptions, *Relevance (Education), School Community Cooperation, School Industry Relationship, *Student Placement, Success Factors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,675
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-267

Special needs students will be exposed to actual employer-employee situations, job sites, and career exploration to provide them with a better base from which to function in vocational programs and within the total school setting. Participating students are expected to become aware of the types of jobs in the community and of the skills necessary to obtain certain jobs, be able to relate vocational course work to jobs, and become aware of the necessity of a good school record in obtaining and holding a job. The program will be publicized to the community and to employers, plans will be developed with participating employers, and students' schedules will be developed in accordance with the job situations the students wish to shadow. Course descriptions, employer contact letters, evaluation materials, and publicity brochures will be produced.

AR 79 0221

Teacher Incentive Grant.
Project Director: Law, James E.
Organization: Clinton Community School District, Iowa
Address: 8th Avenue South and 9th Street, Clinton, IA 52732
Descriptors: Disadvantaged Youth, Exceptional Persons, Handicapped Students, Incentive Grants, *Individualized Programs, *Instructional Films, Job Skills, Learning Activities, *Multimedia Instruction, *Reading Difficulty, *Skill Development, *Slow Learners, Teaching Methods, Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,720
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-43

To enable special needs or disadvantaged students to develop a saleable skill, slow learners and poor readers will enroll in a welding class where students learn from texts, workbooks, and demonstrations. Students from the target population will select film demonstrations to view and listen to with earphones in their welding booths when they need additional help.

Curriculum Development (Sec. 133)

AR 79 0222

Assessment Outreach–Career College.
Project Director: Nelson, Terry G.
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA
Descriptors: *Career Choice, *Career Development, Career Exploration, *Exceptional Persons, *Handicapped Students, Measurement Instruments, Occupational Guidance, Unemployed, *Vocational Counseling, *Work Sample Tests
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,318
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-605

Special needs students will receive assistance in career decision making through assessment, career exploration opportunities, and counseling. Comprehensive basic assessments of individual work and workers traits will be developed, implemented, and administered. The assessment component will explore various ways to assist the hard core unemployed and help plan programs for the special needs population. Selected tests, work samples, and work situations suitable for measuring work and workers traits will be developed and employed. Pertinent objectives and subjective evaluation data, summaries, and recommendations will be provided to the counselors and individuals. An annual report will be provided.

AR 79 0223

Career College–Agriculture.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community College (Merged Area III), Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: *Agricultural Occupations, Alternative Schools, Community Colleges, Continuous Progress Plan, *Economically Disadvantaged, Employment Services, Flexible Schedules, *Handicapped Students, Individualized Curriculum, Job Placement, *Job Skills, Multimedia Instruction, Postsecondary Education, *Underemployed, Vocational Counseling
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $22,287
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-607

Economically disadvantaged, handicapped, and underemployed individuals will be taught an employable skill through their enrollment in the Iowa Lakes Alternative College. Student assessment, career exploration, job-seeking and survival skills, career training programs, and further training and job placement will be provided by the career college. The courses will be self-paced, open entry/open exit. Individuals who already possess a skill will be provided courses to upgrade that skill. Methods of working with these high-risk students will be developed.

AR 79 0224

Career College–Business.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: Alternative Schools, *Business Education, Career Education, Counseling, *Economically Disadvantaged, Educational Strategies, *Handicapped Students, Individualized Instruction, Job Placement, *Job Skills, *Job Training, Open Enrollment, Skill Development, Student Needs, *Underemployed
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $22,287 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-36

To teach an employable skill to economically disadvantaged, handicapped, or underemployed people is the purpose of the Iowa Lakes Alternative Career College. Features of the college include open entry and exit, assessments and career exploration, job seeking and survival skills, and career training and placement programs. Instruction using multimedia and multimodes allows for individual differences and self-pacing. Teaching methods, curriculum, counseling techniques, and assessment best suited to high risk students will be developed to provide for their success in vocational education and on the job.

AR 79 0225

Career College–Food Service.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: Community Colleges, Continuous Progress Plan, *Economically Disadvantaged, Employment Services, Flexible Schedules, *Food Service Occupations, *Handicapped Students, Individualized Curriculum, Job Placement, *Job Skills, Multimedia Instruction, Postsecondary Education, *Underemployed, Vocational Counseling
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $22,288
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-608

The Iowa Lakes Alternative Career College offers, on an open entry/open exit basis, assessment and career exploration, job seeking and survival skills, career training programs, skills upgrading courses, and job placement to economically disadvantaged, handicapped, or underemployed people. The project is developing methods for working with these high risk disadvantaged and handicapped students so that they can succeed in vocational education and successfully be placed on the job. All teaching methods, curriculum development, counseling techniques, and basic assessment will be made available.

AR 79 0226

Commercial Cooking and Life Survival Skills.
Project Director: Stoessel, Ed
Organization: Eastern Iowa Community Coll., Davenport
Address: 627 West Second Street, Davenport, Iowa 52801
Descriptors: *Cooking Instruction, Curriculum Development, *Daily Living Skills, *Disadvantaged Groups, Food Service, Handicapped, *Institutionalized Persons, Interpersonal Competence, *Job Placement, Job Skills, *Normalization (Handicapped), Self Care Skills, Special Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,560
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-603

A cooking laboratory and small-group course curricula will be developed to provide disadvantaged and handicapped persons with basic living skills so they might function independently within the community, to assist the disadvantaged in becoming more employable by emphasizing grooming and social skills, and to offer the handicapped the opportunity to learn basic aspects of commercial cooking so they might become employable. Project objectives include placing ten clients in unsubsidized employment.

AR 79 0227

Competency-Based, Individualized Instructional Development Workshop.
Project Director: Wu, C. David
Organization: Hawkeye Inst. of Tech., Waterloo, Iowa
Address: Waterloo, IA
Descriptors: Behavioral Objectives, Curriculum Development, *Disadvantaged Youth, *Handicapped Students, *Individualized Instruction, Job Skills, Job Training, *Learning Modules, *Performance Based Education, Skill Development, Student Evaluation, Task Analysis
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 80
Fiscal Year Funding: $12,123
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-34

To better meet the needs of vocational students who are academically, socioeconomically, culturally, physically, or mentally handicapped, instructors at Hawkeye Institute of Technology will develop their skills in using competency-based vocational instruction, which will enable them to accommodate a broad range of vocational interests, occupational values, and learner aptitudes. Instructional modules will be developed for selected vocational and technical preparatory programs.

AR 79 0228

Educational Program in Corrections.
Project Director: Bierle, Luverne
Organization: Iowa Central Community Coll., Fort Dodge
Address: 330 Avenue M, Fort Dodge, IA 50501
Descriptors: Career Planning, *Correctional Education, *Correctional Rehabilitation, *Females, Followup Studies, *Interpersonal Competence, Job Placement, Job Search Methods, Job Skills, *Occupational Guidance, *Prisoners, Student Evaluation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,623
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-536

Residents at the Iowa Women's Reformatory will be provided with opportunities to gain vocational, social, and leisure skills that will enable them to enter the job market after release. The women's educational, vocational, and job seeking skills will be determined through a career assessment laboratory, and they will be enrolled in programs in which they have interest and ability. The program includes on-site visits to view areas of occupational interest, classroom instruction, job placement, and a complete follow-up survey within one year after the resident begins working.

AR 79 0229

Special Needs in Industrial Arts.
Project Director: McKay, Don
Organization: Iowa State Univ. of Science and Technology, Ames
Address: Ames, IA 50011
Descriptors: Bibliographies, *Exceptional Persons, *Industrial Arts, Industrial Arts Teachers, Instructional Materials, *Learning Activities, Needs Assessment, *Prevocational Education, Program Effectiveness, *Program Evaluation, Special Programs, Success Factors, Teacher Workshops, *Teaching Techniques
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,409
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-221

Various successful prevocational activities useful with special needs students in industrial arts programs will be identified in this project. Project staff will develop an instrument to survey Iowa industrial arts teachers, conduct the survey, identify programs and components which are successful, and analyze the data. A series of workshops will be conducted for industrial arts and special education teachers to implement the findings, and a comprehensive evaluation and follow-up model to ascertain workshop and project effectiveness will be constructed. Pilot schools will be visited to determine project success, and areas for future study will be identified. Workshop participants will gain an awareness of special needs populations, become familiar with supplemental materials, and develop appropriate strategies for teaching special needs students more effectively. A bibliography of industrial arts materials appropriate for special needs learners will be compiled and given to workshops participants and other interested persons.

AR 79 0230

Strategies and Guidelines for the Elimination of Sexism in Vocational and Technical Education Curriculum Materials and Resources.
Project Director: Torrie, Margaret; Thomas, Virginia F.
Organization: Iowa State Univ. of Science and Technology, Ames
Address: Ames, IA
Descriptors: *Educational Resources, *Educational Strategies, *Guidelines, Information Dissemination, *Instructional Materials, Media Selection, Nondiscriminatory Education, *Sex Discrimination, *Workshops
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $51,290 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines. Div. of Career Education
Contract and/or Control No.: S-985.1

An advisory committee will conduct a series of workshops to develop curriculum guidelines and strategies that are non-sexist in nature. At the Phase I workshop, non-sexist curriculum guidelines will be developed which can be applied to new or developmental products as well as existing materials. Model non-sexist instructional strategies will be developed at the Phase II workshops for each of the vocational and technical education disciplines. Existing materials will be evaluated for sexism, and suggestions will be made as to the creative use of such resources. Products will be disseminated to the area educational agency and merged area schools' representatives at the Phase III workshop after they are field tested and revised. Consultants will conduct inservice activities to eliminate sexism in vocational and technical education programs.

AR 79 0231

Teacher Aide Program (TAP)–Mainstreaming the Elderly.
Project Director: Forgy, Roy
Organization: Indian Hills Community Coll., Ottumwa, Iowa
Address: 105 North Green Street, Ottumwa, IA 52501
Descriptors: *English Instruction, *Senior Citizens, *Teacher Aides, *Tutorial Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,500
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-604-79-PS

A person will be employed to provide tutorial assistance in English to some students prior to their entry into vocational training and to others who encounter academic problems while enrolled in a vocational program. Student academic problem areas will be assessed and appropriate instruction provided.

AR 79 0232

Teacher Aide Program–Cherokee Mental Health Institute.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: Ancillary Services, *Classroom Guidance Programs, Counseling Services, *Disadvantaged Youth, *Handicapped Students, Individual Counseling, *Older Adults, Program Development, Special Services, *Teacher Aides, Team Teaching, *Tutoring, Vocational Adjustment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,665
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-600

Materials will be provided in the use of teacher aides in vocational education working with high risk special needs students. Elderly persons having tutoring and counseling expertise will be hired as teacher aides in order to give additional individual assistance to high risk disadvantaged and handicapped students so that the students can receive appropriate vocational preparation and training for adequate adjustment into the labor market. All material development and methods used will be available to interested parties, and an annual

report on the project will be produced.

AR 79 0233

Teacher Aide Program–Ellsworth.
Project Director: Steinberg, Mark
Organization: Iowa Valley Community Coll. District, Marshalltown
Address: 3700 South Center, Marshalltown, IA 50158
Descriptors: Curriculum Development, *Learning Laboratories, *Learning Modules, *Management, *Program Development, Program Evaluation, *Teacher Aides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,378
Sponsoring Agency: Iowa Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-597

An aide program at ECC will assist instructors in managing and operating a vocational-technical on-campus learning center and in developing related curriculum modules. An advisory committee will be formed to participate in the operation and evaluation of the program.

AR 79 0234

Teacher Aide Program–Food Service.
Project Director: Sievers, Suzanne
Organization: Jefferson Community School District, Iowa
Address: 100 Sunset, Jefferson, IA 50129
Descriptors: Business Responsibility, Business Skills, *Food Service Industry, *Food Service Occupations, Home Economics Teachers, Individualized Programs, *Instructional Materials, *Job Skills, Learning Modules, *Simulation, *Teacher Aides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $554
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-63

Through operation of a simulated restaurant in the food service occupations class, students will have a better understanding of the food service industry, the financial operation of a business, and employee and employer communication. A food service aide will work under the supervision of a home economics instructor to assist students in learning particular job tasks, supervise students on their assigned jobs in the simulated restaurant, and assist in developing individualized instructional materials for students who need additional help, and serve as a a resource person for students.

AR 79 0235

Teacher Aide Program–Hope Haven.
Project Director: Pell, John
Organization: Northwest Iowa Technical College, Sheldon, Iowa
Address: Highway 18 West, Sheldon, IA 51201
Descriptors: *Adults, Basic Skills, Career Education, Class Activities, *Consumer Education, Handicapped, *Homemaking Education, Individualized Instruction, *Short Courses, Skill Development, *Teacher Aides, *Vocational Rehabilitation
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $366
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-633

A teacher's aide will work under the direction of a consumer and homemaking instructor during evening mini-classes in order to provide increased individual assistance and supervision of classroom activities of consumer and homemaking career education opportunities for clients of the Hope Haven vocational rehabilitation facility. An increased number of handicapped adults will be trained in the consumer and homemaking skills necessary for self-sufficiency, and the foundations will be provided for further training related to homemaking occupations.

AR 79 0236

Teacher Aide Program–Project Learning.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: Ancillary Services, *Classroom Guidance Programs, *Disadvantaged Youth, *Handicapped Students, Individual Counseling, *Older Adults, Program Development, Special Services, *Teacher Aides, Team Teaching, *Tutoring, Vocational Adjustment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,665
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-591

Materials will be provided in the use of teacher aides in vocational education working with high risk special needs students. Elderly persons having tutoring and counseling expertise will be hired as teacher aides in order to give additional individual assistance to high risk disadvantaged and handicapped students so that the students can receive appropriate vocational preparation and training for adequate adjustment into the labor market. All material development and methods used will be available to interested parties, and an annual report on the project will be produced.

AR 79 0237

Teacher Aide Program–Secretarial Training and Learning Center.
Project Director: Hiner, Dennis
Organization: Des Moines Area Community Coll., Ankeny, Iowa
Address: 2006 S. Ankeny Boulevard, Ankeny, IA 50021
Descriptors: *Disadvantaged Youth, *Handicapped Students, *Senior Citizens, *Teacher Aides, *Tutorial Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,272
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-602-79-S; SN-644-79-S

Elderly persons with appropriate experiences will be employed as teacher aides to assist vocational instructors, thereby allowing instructors more time to work with disadvantaged and handicapped students. The elderly persons may also provide tutorial support for disadvantaged and handicapped students who need it to succeed in a vocational program.

AR 79 0238

Teacher Aide Program–Sheltered Workshop.
Project Director: Nelson, Terry
Organization: Iowa Lakes Community Coll., Emmetsburg
Address: Emmetsburg, IA 50536
Descriptors: Ancillary Services, Counseling Services, *Disadvantaged Youth, *Handicapped Students, Individual Counseling, *Older Adults, Program Development, *Sheltered Workshops, Special Services, *Teacher Aides, Team Teaching, *Tutoring, Vocational Adjustment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,100
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-599

Materials will be provided in the use of teacher aides in vocational education working with high risk special needs students. Elderly persons having tutoring and counseling expertise will be hired as teacher aides in order to give additional individual assistance to high risk disadvantaged and handicapped students so that the students can receive appropriate vocational preparation and training for adequate adjustment into the labor market. All material development and methods used will be available to interested parties, and an annual report on the project will be produced.

AR 79 0239

Teacher Aide Program–Vocational Agriculture.
Project Director: Levine, Ron
Organization: Creston High School, Iowa
Address: Maple and Irving, Creston, IA 50801
Descriptors: Adjustment Problems, *Individualized Programs, *Learning Disabilities, Mainstreaming, Reading Difficulty, School Shops, Student Needs, *Teacher Aides, Test Wiseness, *Tutorial Programs, *Tutoring, *Vocational Agriculture
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $1,376
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-616

A teacher aide will tutor and counsel learning disabled students to help them in their training and future adjustment into the community. The aide will help individualize student instruction in the area of the student's greatest need, help students on assigned projects in shop and on assigned studies, and help students with reading difficulties prepare for tests and analyze test questions. The aide will assist in the overall supervision of those students mainstreamed into vocational agriculture.

AR 79 0240

Teacher Aide Program–Vocational Programs.
Project Director: Olson, Ray
Organization: Iowa Western Community Coll., Council Bluffs
Address: 2700 College Road, Council Bluffs, IA 51501
Descriptors: *Access to Education, Audiovisual Aids, Aurally Handicapped, Clerical Workers, *Developmental Disabilities, *Disadvantaged Youth, Equipment Maintenance, Furniture, *Handicapped Students, Older Adults, Programing, Secondary Education, Tape Recordings, *Teacher Aides, *Tutoring, Visually Handicapped, Welding

Identifiers: Furniture Refinishing
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,310
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-51

Disadvantaged and handicapped students will receive help in vocational programs through a project effort to keep the students in the programs, insure the greatest possible skill for each student, and insure equal access to materials taught. Aides will tape texts, tests, manuals, and other educational materials for poor readers, nonreaders, and visually impaired students; tutor and take notes for special needs students in the clerical program; tutor disadvantaged students preparing for job entry, job retention, and possible postsecondary training; and generally assist deaf and developmentally disabled clients. Students will receive special assistance during their studies at the Adult Learning Center to provide more one-to-one contact, and students or clients in the workshop setting will receive assistance with their projects. The aides, supervised by area coordinators and supervisors, will keep logs of their activities and the students with whom they work.

AR 79 0241

Teacher Aide–Business Occupations.
Project Director: Porter, Brenda
Organization: Western Iowa Technical Coll., Sioux City
Address: P.O. Box 265, Sioux City, IA 51102
Descriptors: Academic Achievement, Accounting, Bookkeeping, *Business Education, Communication Skills, Counseling, *Disadvantaged Youth, *Handicapped Students, Individualized Instruction, *Nontraditional Students, *Remedial Instruction, Skill Development, Student Needs, *Teacher Aides, Tutoring
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $2,088 (Charged to FY 1978)
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-58

To decrease the attrition rate of nontraditional, handicapped, and disadvantaged students enrolled in bookkeeping, accounting, and communication courses, two aides will be hired to work under the supervision of a special needs coordinator and the supervisor of business occupations. Specific duties of the aides will include providing individualized and group remedial upgrading assistance by initiating and implementing tutorial remedial plans in conjunction with the assigned instructors; assisting in guidance and counseling efforts by serving as a resource or contact person for students, reference questions and concerns about their course work and careers; providing confidence building activities for nontraditional students; assisting instructional personnel in developing educational materials and activities; maintaining records on such items as student demographic characteristics, attendance, and progress as required by the special needs coordinator; providing ongoing evaluation of each student's performance; and identifying additional student needs.

AR 79 0242

Teacher Aide–Women's Reformatory.
Project Director: Bierle, Luverne
Organization: -Iowa Central Community Coll., Fort Dodge
Address: 330 Avenue M, Fort Dodge, IA 50501
Descriptors: *Corrective Institutions, *Females, *Industry, *Teacher Aides, *Work Experience
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $832
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-71

An aide will be employed to seek out businesses and factories in the Rockwell City area where clients can have hands-on experiences. If clients decide they are not interested in a particular occupation, they may choose another one.

AR 79 0243

Teacher Aides in Vocational Programs.
Project Director: Kayser, Torrey
Organization: Southwestern Community Coll., Creston, Iowa
Address: 1501 West Townline Street, P.O. Box 458, Creston, IA 50801
Descriptors: *Ancillary Services, Counseling Services, *Disadvantaged Youth, *Handicapped Students, *Individual Counseling, Program Development, Program Evaluation, Student Evaluation, *Teacher Aides, *Tutoring
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,179
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-590

Teacher aides will be employed to provide supportive services for special needs students. The aides will provide individual and small group instruction, counseling, and other instructional support to disadvantaged and handicapped students, and will assist in developing instructional materials. Ongoing, informal evaluation of the aides' performance and student outcomes will be conducted. A written evaluation will be sent to DPI at the end of the fiscal year.

AR 79 0244

Teacher Incentive Grant.
Project Director: Bahr, Dennis
Organization: Webster City High School, Iowa
Address: 1001 Lynx Avenue, Webster, IA 50595
Descriptors: Curriculum Development, *Exceptional Persons, *Incentive Grants, Instructional Materials, Learning Activities, *Material Development, *Media Selection, Models, School Shops, Self Esteem, Skill Development, Student Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,515
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: FCS-79-67

Teaching materials, working models and work stations will be developed to help special needs students reach course objectives and prepare them for the world of work. School shop activities will be analyzed and material development will follow the research of available materials. Selected special needs students will use the developed materials, in order to evaluate the materials' effectiveness. The material will enhance students' personal growth attitudes and skill development as well as provide other course instructors with materials for entry-level skill development.

AR 79 0245

Teacher Incentive Grant–Masonry.
Project Director: Perica, Nick
Organization: Southwestern Community Coll., Creston, Iowa
Address: P.O. Box 458, Creston, IA 50801
Descriptors: *Disadvantaged Youth, Dropout Prevention, *Individualized Instruction, *Masonry, Mathematics Instruction, Remedial Instruction, *Remedial Mathematics, *Remedial Programs, *Skill Development
Funding Period: Start Date 1 Nov 78; End Date 22 Feb 79
Fiscal Year Funding: $2,100
Sponsoring Agency: Iowa State Dept. of Public Instruction, Des Moines
Contract and/or Control No.: SN-628-79-S

Individualized remedial math instruction will be offered to those individuals who are enrolled in vocational programs and who have a deficiency in the math skills needed to successfully complete a vocational program. All participants will be tested to determine their starting levels; test results will be evaluated and interpreted with both the student and instructor. Higher skill levels will be developed after deficiency areas are remedied.

KANSAS

Research (Sec. 131)

AR 79 0246

Computerization of Kansas Program Assistance and Review (K-Par) Instruments.
Project Director: Scott, Robert
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: *Computer Programs, *Data Analysis, Data Bases, *Data Collection, Information Processing, *Information Utilization, *Program Development, *Program Evaluation
Funding Period: Start Date 15 Jan 79; End Date 15 Apr 79
Fiscal Year Funding: $5,105
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-12

Approximatley 300 K-Par instruments and 3,000 employer satisfaction forms will be computerized to provide quicker interpretation of data for inclusion in writing the state plan for vocational education and to provide an objective data base to expedite local and state-wide decision making on issues of mutual concern. Vocational education state staff will perform evaluations of local education agencies. Data will be collected at the state department and sent to Kansas State University for processing (keypunch, verify, develop statistical scales, and perform reliability and factor analysis). Required computer programming will be developed, data will be analyzed and interpreted, and a narrative discussion of results will be written. Raw data will be extrapolated into meaningful information for the state staff of vocational education.

AR 79 0247

Operation of the Kansas Research Coordinating Unit.
Project Director: Vineyard, Ben S.
Organization: Pittsburg State Univ., Kans.
Address: Pittsburg, KS 66762
Descriptors: Curriculum Development, *Demonstration Programs, *Educational Research, Instructional Materials, Interagency Cooperation, Material Development, *Program Coordination, Program Development, *Program Improvement, *Research Coordinating Units, Statewide Planning
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $37,691
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-10

In cooperation with the Vocational Education Administration Section of the Kansas State Department of Education, this project will provide an operational base for the Kansas Research Coordinating Unit. The Research Coordinating Unit will coordinate the activities of selected research programs, exemplary and innovative programs, and curriculum development programs, thus improving and developing vocational programs across the state, and developing curriculum materials.

AR 79 0248

Proposal to Develop a State-Wide System of Follow-Up for Community Junior College Vocational Students.
Project Director: Walbourn, Edwin
Organization: Kansas Association of Community Colleges, Topeka
Address: Topeka, KS 66612
Descriptors: Community Colleges, Dropouts, Employment Opportunities, Followup Studies, Graduate Surveys, *Job Placement, Job Satisfaction, Junior Colleges, *Participant Characteristics, *Participant Satisfaction, *Program Development, Program Effectiveness, Program Evaluation, *Vocational Followup
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,850
Note: This project also received $15,700 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-07

To assist in the planning for future program improvements in community colleges and to develop a uniform model system for community college use, this project will (1) determine the extent to which current activities of former students are related to their community junior college programs and goals, (2) assess how community college experiences prepared individuals for employment and further education, (3) determine differences between graduates and others, (4) obtain data regarding student satisfaction with employment or further education, (5) determine the differences of students who leave early and those who complete the program and (6) provide information about types of jobs and placement opportunities afforded female and male program participants. Follow-up systems used in Connecticut, Texas, California, Maryland, Arizona, Florida, and Illinois and those presently being used by each Kansas community junior college will be used in this project to show the outcome of the community college programs on initial placement and over a five-year period.

AR 79 0249

Study of Vocational Education Needs of the Students of Wichita County.
Project Director: Ahn, Woo S.
Organization: Wichita County High School, Leoti, Kans.
Address: Leoti, Kansas 67861
Descriptors: *Academic Aspiration, *Community Study, *Educational Needs, Employer Attitudes, *High School Students, Needs Assessment, Parent Attitudes, Program Improvement, Questionnaires, Secondary Education, Student Interests, *Student Needs, Teacher Attitudes, *Vocational Interests
Funding Period: Start Date 7 Jul 78; End Date 8 Aug 79
Fiscal Year Funding: $897
Note: This project also received $99 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-05

This study will result in improved vocational programs within the county education system to enable students to become more employable. Questionnaires will be given to high school students, parents, educators, and employers in Wichita County to determine the vocational education needs of the students in the county, students' objectives in terms of their educational goals and in terms of what parents, educators, and employers think these goals should be, and what subjects in the vocational field the residents of Wichita County feel should be offered in the school system.

AR 79 0250

Survey of Emerging Vocational Level Jobs in Solar Energy Industries.
Project Director: Ward, Gary
Organization: Pittsburg State Univ., Kans.
Address: Pittsburg, KS 66762
Descriptors: Curriculum Planning, Data Collection, Employment Opportunities, *Employment Projections, Information Dissemination, *Labor Supply, *Manpower Needs, *Occupational Surveys, *Solar Radiation
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,682
Note: This project also received $3,279 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-08

The major objective of this proposal is to conduct an emerging occupations survey in the solar energy field. The subordinate objective is to relate any identified emerging jobs to the mission and capabilities of vocational education. The identification of emerging occupations will require a slightly different search design than a normal occupational supply and demand survey. An address list will be compiled. A review of the literature, a patent search, and industrial projections will be used to determine the state of the art. A survey will be designed to collect data. The results of the project will be printed and disseminated. By identifying, in numerical quantities, the emerging occupations at the vocational level in solar industries, information for curriculum planning, documentation for budget planning, information for teacher training and inservice training, and counseling information will be obtained.

AR 79 0251

Validation of an Instrument and Procedures for Evaluating Local Vocational Education Programs.
Project Director: Field, Ralph

Organization: Kansas State Univ., Manhattan
Address: Manhattan, KS 66506
Descriptors: Advisory Committees, *Evaluation Methods, Formative Evaluation, *Measurement Instruments, *Program Evaluation, *Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,109
Note: This project also received $1,302 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-131-04

A vocational education advisory committee will be organized to make recommendations for field testing, modifying, and validating an instrument and the procedures for evaluating local vocational education programs.

Exemplary and Innovative (Sec. 132)

AR 79 0252

Health Occupations Education.
Project Director: Estes, Eddie
Organization: Southwest Kansas Area Vocational Technical School, Dodge City
Address: Dodge City, KS 67801
Descriptors: Anatomy, *Career Choice, *Career Education, *Career Opportunities, Experiential Learning, *Health Occupations, Medical Vocabulary, Physiology, *Student Interests, *Student Placement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,265
Note: This project also received $3,265 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-132-06

This project will provide an opportunity for students to explore careers in the health occupations. Participating students will (1) review various careers available in the health field cluster, (2) be provided hands-on experiences as shadows of professionals in the various related vocations, and (3) be enabled to make an informed choice in a career goal whether or not health related by constructing a profile of their personal worker traits as defined in the DOT. Two areas of instruction will be offered: Health Careers I, which will provide an opportunity for comprehensive exploration of all career opportunities in health care and related areas, and Health Careers II, which is highlighted by placing students in health-related areas for further insight into the actual nature of careers of personal interest and by sharing experiences and studying human anatomy, physiology, and medical terminology in the classroom.

AR 79 0253

Small Business Management Program.
Project Director: Gallentine, Jerry
Organization: Barton County Community Junior Coll., Great Bend, Kans.
Address: Great Bend, KS 67530
Descriptors: *Business Administration, *Business Education, Educational Programs, Management Development, *Management Education, Managerial Occupations, *Retraining
Identifiers: *Entrepreneurship Programs, *Self Employed
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,550
Note: This project also received $10,550 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-132-11

Long-term business management education will be used to upgrade the skills of small business entrepreneurs to assist them in achieving their business and family goals through improved management, organization, and operation of their businesses.

Curriculum Development (Sec. 133)

AR 79 0254

Developing, Rewriting, and Modifying Competency-Based Instructional Activities for Classroom Utilization.
Project Director: Hoffman, Ken
Organization: Emporia State Univ., Kans.
Address: Emporia, KS 66801
Descriptors: *Class Activities, *Distributive Education, Instructional Materials, *Learning Modules, *Marketing, Material Development, Media Selection, *Performance Based Education, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,190
Note: This project also received $1,107 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-14

This project will result in the production of sixty competency-based instructional units or packets for distributive education classroom usage of the secondary at postsecondary levels. New and existing competency-based instructional activities will be developed, rewritten, and modified for classroom utilization by distributive education coordinators, evaluated by lay and industry leaders, and published for distribution to the distributive education personnel of Kansas. Selected USOE marketing and distributive occupational categories will be utilized in writing competency-based instructional activities and events. Project staff will conduct a writer's workshop with evaluation and review sessions to select activities and events for printing and distribution to Kansas distributive education educators.

AR 79 0255

Development of Agricultural Supplies and Services Curriculum.
Project Director: Field, Ralph G.
Organization: Kansas State Univ., Manhattan
Address: Manhattan, KS 66506
Descriptors: *Agricultural Supply Occupations, Curriculum Development, Educational Objectives, Formative Evaluation, *Instructional Materials, *Material Development, Postsecondary Education, *Program Validation, *School Industry Relationship, Secondary Education, *Units of Study
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,026
Note: This project also received $1,619 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-01

A standard curriculum for programs which prepare students for agricultural supply and services will be developed in this project. The curriculum will allow continued industry validation of competencies included in the instructional units. The units will be used as introductory or review materials for specialized postsecondary programs. Project activities will include identifying objectives for selected units of instruction, using a teachers' advisory committee to prepare the instructional materials for each unit, reviewing materials available from other developed curriculum materials, and field testing and revising the prepared units and readying them for printing.

AR 79 0256

Evaluation and Revision of Curriculum Materials for Farm Business Analysis.
Project Director: Welton, Richard F.
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: Curriculum Development, *Curriculum Evaluation, *Farm Management, *Student Organizations, *Teacher Workshops, *Young Farmer Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,500
Note: This project also received $439 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-06

To improve the quantity and quality of farm business analysis programs for Kansas Young Farmers and Young Wives, instructors will be involved in developing curriculum materials for the program. A series of workshops will be held to provide instruction regarding the content and use of curriculum and instructional materials developed during fiscal year 1978. An advisory committee will be formed to provide specific recommendations on project activities, to recommend two areas in which to field test the materials, and to provide advice and guidance for evaluating the materials.

AR 79 0257

Evaluation of Horticulture Core Curriculum.
Project Director: Albracht, James
Organization: Kansas State Univ., Manhattan. Dept of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: *Core Curriculum, *Curriculum Evaluation, *Horticulture, *Program Validation, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,000
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-05

Horticulture core curriculum materials developed in fiscal year 1978 will be read, reviewed, and evaluated by a cadre of secondary horticulture teachers, horticulture industry consultants, and college professors for accuracy, duplica-

tion, completeness, and effectiveness.

AR 79 0258

Implement and Evaluate Curriculum Material Developed for Young Farmer Chapters.
Project Director: Welton, Richard F.
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: Curriculum Development, *Curriculum Evaluation, *Inservice Programs, *Instructional Materials, *Program Development, *Student Organizations, *Young Farmer Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,420
Note: This project also received $439 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-09

In this project, a set of standardized materials developed during fiscal year 1978 will be used as a basis of inservice training for Kansas Young Farmer chapter officers. An advisory committee will be formed to recommend a model of inservice meetings and five area chapters for field testing. Five one-day workshops to evaluate the new curriculum materials for instructional use with the chapters and one follow-up meeting will be held throughout the state. After field testing, the materials will be prepared for distribution to all Kansas chapter advisors.

AR 79 0259

Implement and Evaluate Curriculum Materials Developed for Young Farm Wives.
Project Director: Welton, Richard
Organization: Kansas State Univ., Manhattan, Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: *Curriculum Evaluation, Females, Information Dissemination, *Inservice Programs, *Instructional Materials, *Student Organizations, *Young Farmer Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,500
Note: This project also received $378 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-07

Through consultation with an appointed advisory council, project staff will conduct five one-day workshops and one follow-up meeting to evaluate, provide instruction, and disseminate instructional materials which were developed for Kansas Young Farm Wives chapters during fiscal year 1978. The advisory committee will also recommend five area chapters to field test the materials.

AR 79 0260

Needs Assessment and Development of Postsecondary Farm and Ranch Management Curriculum.
Project Director: Albracht, James
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: Curriculum Development, *Curriculum Evaluation, Curriculum Research, *Educational Needs, *Farm Management, Material Development, *Needs Assessment
Identifiers: *Ranch Management
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,513
Note: This project also received $1,237 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-10

This project is intended to produce an improved, uniform curriculum offering in the farm and ranch management programs in Kansas. A steering committee will be organized and used to survey and analyze the curriculum and instructional material currently being used and materials available for farm and ranch management programs. Following this, the steering committee, with the assistance of consultants, will develop curriculum and instructional materials to be incorporated in the Kansas farm and ranch management programs.

AR 79 0261

Proposed Competency and Course Development for Introduction to Grain Handling and Storage.
Project Director: Doyen, Lee W.
Organization: Cloud County Community Coll., Concordia, Kans.
Address: Concordia, KS 66910
Descriptors: *Crop Processing Occupations, Curriculum Development, *Curriculum Guides, *Feed Industry, *Grains (Food), Postsecondary Education, *Resource Materials
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,185
Sponsoring Agency: Kansas State Dept. of Education, Topeka.
Contract and/or Control No.: 79-133-20

In order to provide instructors with an updated course outline for postsecondary instruction in grain handling and procedures, project staff, assisted by consultants, will develop, edit, produce, and disseminate an instructional booklet for postsecondary grain science courses and update and disseminate a list of resource materials which cover all phases of grain handling and procedures.

AR 79 0262

Revising and Updating Vocational Agriculture Core III.
Project Director: Field, Ralph
Organization: Kansas State Univ., Manhattan. Dept. of Adult and Occupational Education
Address: Manhattan, KS 66506
Descriptors: *Core Curriculum, Course Content, Curriculum Development, *Curriculum Evaluation, *Instructional Materials, Postsecondary Education, Secondary Education, *Units of Study, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,010
Note: This project also received $1,222 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-03

The subject matter content of the core curriculum will be revised, updated, and processed for final printing in this project. Procedures will be to (1) conduct an evaluation of instructional units of Core III curriculum materials; (2) update, revise, and secure approval of revised units from teachers; (3) prepare final copy; and (4) distribute the finished product to interested secondardy and postsecondary vocational agriculture programs.

AR 79 0263

Updating and Improving Vocational Curriculum Dissemination in Kansas.
Project Director: Ward, Gary
Organization: Pittsburg State Univ., Kans.
Address: Pittsburg, KS 66762
Descriptors: Curriculum Development, *Educational Resources, *Information Dissemination, *Information Retrieval, *Information Services, *Instructional Materials, *Instructional Materials Centers, Media Selection
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $51,350
Note: This project also received $15,937 in local funds for FY 1979.
Sponsoring Agency: Kansas State Dept. of Education, Topeka
Contract and/or Control No.: 79-133-18

In order to update and improve vocational curriculum dissemination in Kansas, this project will (1) continue to develop a functional link between those who produce non-commercial curriculum materials and the vocational educators in Kansas, (2) conduct computer searches for Kansas vocational educators, and (3) develop an inventory of generalized instructional materials for special vocational needs students. These objectives will be achieved by disseminating curriculum materials to Kansas educators, maintaining display centers, mass mailing the curriculum catalog, publishing newsletters for the dissemination center, and conducting workshops to explain the function of the center. Achievement of the objectives should improve vocational training programs in Kansas, increase the availability of quality vocational materials, increase the competence of teachers to select and use instructional materials, and increase the knowledge of the future needs of teachers and programs.

KENTUCKY

Research (Sec. 131)

AR 79 0264

Design, Develop, Field Test, and Revise a Model Specialized Program to Meet Manpower Needs for Fashion Merchandising in Kentucky.

Project Director: Burdon, Lawrence
Organization: Jefferson County Board of Education, Louisville, Ky.
Address: Louisville, KY
Descriptors: Curriculum Development, Distributive Education, *Fashion Industry, Job Placement, Job Skills, Manpower Needs, *Merchandising, Performance Criteria, Secondary Education
Funding Period: Start Date 10 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $39,950 (Charged to FY 1978)
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract and/or Control No.: H24810

In designing the first specialized fashion merchandising program of instruction for Marketing and Distributive Education for Kentucky, the instructor will work with a skill craft advisory committee composed of people from the industry to obtain program objectives, a list of competencies and tasks, measurable performance criteria, and student placement. The model two-phase training program which will be developed will include curriculum, program standards, program organization, training plans, and teacher and student handbooks. This cooperative training program will be field tested in a secondary institution and the results used to revise materials as appropriate. The project will also provide a comprehensive dissemination and diffusion plan.

Exemplary and Innovative (Sec. 132)

AR 79 0265

Coordination of Career Exploratory Experiences in Hopkins County.

Project Director: Logan, Joyce; McClearn, John
Organization: Hopkins County Board of Education, Madisonville, Ky.
Address: Madisonville, KY 42431
Descriptors: *Career Exploration, Community Resources, Grade 7, Grade 8, Interinstitutional Cooperation, Junior High Schools, *Nontraditional Occupations, *Practical Arts, *Program Coordination, Program Development, Program Evaluation, Resource Guides, *School Community Cooperation, *Sex Fairness
Funding Period: Start Date 15 Aug 78; End Date 14 Aug 79
Fiscal Year Funding: $18,425
Sponsoring Agency: Kentucky State Department of Education, Frankfort
Contract and/or Control No.: B34880 (4406)

Project staff will (1) identify a coordination plan for the exchange of resources and information between the school system, vocational programs, and the community; (2) incorporate sex equity features into the plan and activities of the program, including attitudes toward and experiences in non-traditional occupations; (3) develop the existing practical arts and career exploration aspects of the program and develop a comprehensive career exploration plan for grades seven and eight, including the scope and sequence of activities and experiences; (4) increase the use of community and vocational school resources for career exploratory experiences and activities; and (5) evaluate the program components and efforts toward sex equity. After an individual is employed, an analysis of the existing programs will be documented, then developmental and coordination features will be implemented along with the development of resources and information materials. An evaluation plan will be developed and conducted. An advisory committee will be formed to assist in program activities and the project director will provide orientation for school and community personnel. Project products will include a written plan for the management and operation of career exploratory programs, services, and activities; a career library of audiovisual materials; a career resource guide, and activity and resource guides for additional cluster areas.

AR 79 0266

Developing Curriculum Materials in the Changing Roles of Males and Females.

Project Director: Powers, Betty C.
Organization: Eastern Kentucky Univ., Richmond
Address: Richmond, KY 40475
Descriptors: Adult Education, Change Strategies, *Changing Attitudes, Course Content, Curriculum Development, Curriculum Evaluation, *Curriculum Guides, *Home Economics Education, Inservice Teacher Education, Postsecondary Education, Secondary Education, Sex Fairness, *Sex Role, Sex Stereotypes, *Teacher Developed Materials, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 1 Dec 79
Fiscal Year Funding: $19,416
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract and/or Control No.: T68881 (4406)

Fifteen vocational home economics teachers will participate in a two-week workshop designed to increase their awareness of the changing roles of men and women in society, and to develop a curriculum guide on this topic to be used as a supplemental guide by home economics teachers at the secondary, postsecondary, and adult levels in Kentucky. The participants will field test the curriculum guide during the 1978-79 academic year. Three consultants will edit, revise, and refine the guide at the end of the school year.

AR 79 0267

Development of Competency-Based Teaching Units for Group Instruction in Production Agriculture.

Project Director: Tulloch, Rodney
Organization: Kentucky Univ., Lexington. Div. of Vocational Education
Address: Room 11 Dickey Hall, Lexington, KY 40506
Descriptors: *Agricultural Production, Curriculum Development, *Group Instruction, Performance Based Education, Secondary Education, Sex Stereotypes, Teacher Developed Materials, Units of Study, Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $19,184 (Charged to FY 1978)
Sponsoring Agency: Kentucky State Dept. of Education, Frankfort
Contract and/or Control No.: V28882(4406)

Twelve teachers will be involved in a summer workshop to prepare five competency-based vocational education (CBVE) units (group modules) in production agriculture in the areas of tobacco production, corn production, livestock evaluation, farm animal breeding, and livestock feeding. Each unit will (1) contain an introduction which will include the task, performance objective, teaching learning activities, supplemental materials, criterion-referenced measures including evaluation and (2) incorporate sex-fair practices into materials and assure efforts to eliminate discrimination, sex bias, and sex stereotyping. The process and product of the effort for and in the related fields and in efforts for sex equity will be evaluated. Regional workshops will be held in all areas of Kentucky to familiarize teachers with the use and availability of the units. Technicial subject-matter specialists will be used to review, field test, and revise each unit.

LOUISIANA

Research (Sec. 131)

AR 79 0268

Correlating Intellectual Abilities with Successful Vocational Training and Placement.
Project Director: Michiels, David
Organization: East Baton Rouge Parish School, La.
Address: Baton Rouge, LA
Descriptors: Counselors, Data Analysis, *Intelligence Tests, *Job Placement, Personnel Evaluation, *Predictive Measurement, *Predictor Variables, Student Evaluation, *Success Factors, *Vocational Counseling, Vocational Schools
Funding Period: Start Date 19 Mar 79; End Date 31 May 80
Fiscal Year Funding: $25,050
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Guidance counselors will be assisted in vocational counseling and job placement through information derived from this study. Through assessment and analysis of data received, it will be ascertained if determination of intelligence is necessary for predicting success within a given vocation. Two hundred vocational school students and two hundred successfully employed workers will be assessed using the Structure of Intellect program. A control group of forty student welders will be included to determine test discrimination.

AR 79 0269

Evaluation of an Innovative Procedural Model for Curriculum Development Utilizing Home Economics Content.
Project Director: Gilley, Jeanne Mack
Organization: Louisiana Tech Univ., Ruston. Coll. of Home Economics
Address: Ruston, LA
Descriptors: *Child Development, Course Content, Course Objectives, Curriculum Development, *Family Life Education, High School Students, *Home Economics Education, *Models, *Program Evaluation, Secondary Education
Funding Period: Start Date 19 Mar 79; End Date 31 May 80
Fiscal Year Funding: $25,001
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

To evaluate an innovative procedural model for curriculum development and revision in home economics education, high school economics teachers and subject matter specialists will evaluate objectives, concepts, and learner competencies related to child and family development through a test-retest procedure. Responses will be analyzed statistically and tested for validity in an attempt to identify concepts, objectives, and learner competencies appropriate for high school students studying child and family development.

AR 79 0270

Evaluation of Selected Vocational Education Programs.
Project Director: Hopson, Carol
Organization: Delgado Coll., New Orleans, La.
Address: 615 City Park Avenue, New Orleans, LA 70119
Descriptors: Data Collection, *Graduate Surveys, Higher Education, Personnel Evaluation, Postsecondary Education, *Program Evaluation, Questionnaires, Secondary Education, *Student Evaluation, Student Placement
Funding Period: Start Date 19 Mar 79; End Date 30 May 80
Fiscal Year Funding: $15,256
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

An evaluation of the process (type of equipment, staff, and cooperation with business and industry) and output (students who are able to go into advanced programs or gain employment) of selected vocational education programs at the secondary, postsecondary, and college level in Louisiana will be conducted. Evaluation data providing necessary information for program modification will be supplied to the Board of Elementary and Secondary Education, and an instrument will be created to describe the status of career graduates and to obtain program evaluation information from both graduates and their immediate supervisors. In evaluating their vocational programs, graduates will indicate skills or areas of knowledge that should be deleted or added. Supervisors or instructors will evaluate graduates' preparation. A final report will be delivered.

AR 79 0271

Public Image of Vocational Education in Louisiana.
Project Director: Leonard, Thelma H.
Organization: Louisiana State Univ., Baton Rouge. School of Vocational Education
Address: Baton Rouge, LA 70803
Descriptors: *Educational Programs, Information Dissemination, *Public Opinion, *Public Relations
Funding Period: Start Date 19 Mar 79; End Date 31 May 80
Fiscal Year Funding: $16,331
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

The image of vocational education in Louisiana, as viewed by vocational educators and selected persons from business, industry, government, agriculture, and education, will be identified; suggestions for changing the image will be solicited. Results will be disseminated to interested local and state persons and agencies to aid in improving the image of Louisiana vocational education programs.

AR 79 0272

Role of the High School Vocational Agriculture and Agribusiness Program in the Occupational Success of Graduates.
Project Director: Kotrlik, Joe W.
Organization: Louisiana State Univ., Baton Rouge. Dept. of Vocational Agricultural Education
Address: Baton Rouge, LA 70803
Descriptors: *Agribusiness, *Graduate Surveys, *Program Evaluation, Regional Programs, *Success Factors, *Vocational Agriculture
Funding Period: Start Date 19 Mar 79; End Date 31 May 80
Fiscal Year Funding: $4,933
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

A ten percent random sample of the 1973-1974 graduating class of Louisiana's high school vocational agriculture and agribusiness classes will be surveyed to determine the role of these programs in the occupational success of graduates. Information will be obtained on various components including Future Farmers of America, courses of instruction, vocational guidance, adult education, and supervised occupational experience program. The project will be coordinated with similar projects in thirteen other southern states, and results will be disseminated through preservice and inservice educational activities conducted by Louisiana State University's department of vocational education and by the vocational agriculture section of the state department of education.

Exemplary and Innovative (Sec. 132)

AR 79 0273

Industrial Maintenance Mechanics.
Project Director: Bourgeois, Paul A.
Organization: Sullivan Vocational-Technical Inst., Bogalusa, La.
Address: 1710 Sullivan Drive, Bogalusa, LA 70427
Descriptors: Employment Qualifications, *Entry Workers, Industrial Personnel, *Job Skills, *Machine Repairmen, *Trade and Industrial Education
Funding Period: Start Date 8 Jan 79; End Date 31 May 80
Fiscal Year Funding: $10,000
Sponsoring Agency: Louisiana State Dept. of Education, Baton Rouge

Students will be trained in entry-level skills as industrial maintenance mechanics.

MAINE

Exemplary and Innovative (Sec. 132)

AR 79 0274

Business Organization Management Training Center.
Project Director: Taylor, John K.
Organization: St. John Valley Vocational Cooperative Board, Region One, Madawaska, Maine
Address: P.O. Box 266, Madawaska, ME 04756
Descriptors: *Business Administration, *Distributive Education, Guides, *Management Education, *School Community Relationship
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Maine State Dept. of Educational and Cultural Services, Augusta
Contract and/or Control No.: 910851

Local businesspersons and professional consultants will provide entrepreneurial training for eligible participants who wish to establish their own business enterprises. Step-by-step guidance and instruction will be offered in a businesslike setting using the entire community as a school. A guide on business creation will be developed for students enrolled in vocational education. The completed project should be easy to replicate in any geographical area, and especially areas with existing distributive education programs.

AR 79 0275

Implementation Grant for Experience-Based Career Education.
Project Director: Hathorne, Warren T.
Organization: Maranacook Community School District 10, Readfield, Maine
Address: Readfield, ME 04355
Descriptors: *Comprehensive Programs, Educational Alternatives, Guides, Models, *Rural Schools, School Community Relationship, Secondary Education, *Work Experience Programs
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $34,524
Sponsoring Agency: Maine State Dept. of Educational and Cultural Services, Augusta
Contract and/or Control No.: 910381

The Far West Laboratory's experience-based career education program will be used as a model for implementing an alternative program of comprehensive secondary education at Maranacook Community School. The effectiveness of the program as a model for other rural schools will be demonstrated by the resulting achievement of students in developing their basic, career, and life skills; the preparedness of students to seek employment or further training or education; and the extent of the mobilization and use of community resources. A guide for conducting community-based work experiences in rural areas will be developed and disseminated as will a community resource guide for rural schools. Methods by which a rural school develops resource sites will be documented.

Curriculum Development (Sec. 133)

AR 79 0276

Solar Energy and the Building Construction Trades.
Project Director: Gorham, Jonathan W.
Organization: Maine Audubon Society, Falmouth
Address: 118 W.S. Route One, Falmouth, ME 04105
Descriptors: *Building Trades, Curriculum Development, Grade 11, Grade 12, Senior High Schools, *Solar Radiation, *Units of Study
Funding Period: Start Date 15 Jul 78; End Date 13 Oct 78
Fiscal Year Funding: $7,850
Sponsoring Agency: Maine State Dept. of Educational and Cultural Services, Augusta
Contract and/or Control No.: 909704

Vocational staff from the Portland Regional Vocational Technical Center (PRVTC) and a team of solar curriculum developers from the Maine Audubon Society will develop a series of twelve core curriculum units on solar energy in building construction trades of vocational students in grades 11 and 12. Curriculum materials will be presented to PRVTC staff in a series of inservice training workshops and implemented at PRVTC in their 1978-79 construction trades course. A camera-ready copy of the curriculum materials will be reproduced by the state department of vocational education.

MARYLAND

Research (Sec. 131)

AR 79 0277

Age and Vocational-Technical Teachers: Inservice Needs, Attitudes and Retirement.
Project Director: Grambs, Jean D.
Organization: Maryland Univ., College Park. Dept. of Secondary Education
Address: College Park, MD 20742
Descriptors: *Educational Needs, *Older Adults, *Surveys, *Teacher Attitudes, *Teacher Characteristics, *Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Apr 79
Fiscal Year Funding: $4,000 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Information regarding older vocational-technical teachers and their specific educational and training needs will be gathered and disseminated to school administrators in Maryland for the purpose of identifying and ameliorating students' problems related to older teachers. Data from a questionnaire developed and sent to vocational-technical teachers in the state will be analyzed by computer and tests of significance will be made. Interviews will be conducted with a small sample of teachers aged fifty-five or over to further validate questionnaire findings. Interviews will also be conducted with five secondary school principals and vocational-technical supervisors to determine their views of older vocational-technical teachers. The data will be analyzed to ascertain if any of the factors under study were influenced by sex or race.

AR 79 0278

Analysis of the Effectiveness of Cooperative Work Experience Programs for Disadvantaged Students.
Project Director: Suggs, John P.
Organization: Coppin State Coll., Baltimore, Md.
Address: Baltimore, MD 21216
Descriptors: Academic Achievement, Administrator Attitudes, *Cooperative Programs, Data Analysis, Data Collection, *Disadvantaged Youth, Educational Objectives, *Followup Studies, *Program Attitudes, *Program Effectiveness, Student Characteristics, *Work Experience Programs
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $7,420
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

This study will inform the Department of Vocational-Technical Education of the skills, competencies, aims, and objectives of cooperative work experience programs for disadvantaged students and to what degree these various aspects are being met. The subjects in the study will be all the disadvantaged students engaged in cooperative work experience programs during 1976, 1977, and 1978 within selected school districts. Two survey instruments will be developed to obtain data for analysis.

AR 79 0279

Applied Research for Disadvantaged Students.
Project Director: Harris, Paul J.
Organization: Baltimore City Public Schools, Md.
Address: Calvert and 23rd Streets, Baltimore, MD 21218
Descriptors: *Adjustment (to Environment), *Behavioral Counseling, *Behavior Change, Counseling Effectiveness, *Disadvantaged Youth, *Dropout Prevention, Grade 10, Senior High Schools, *Truancy
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The Special Needs Team's (SNT's) paramount concern in this project is to help reduce present levels of absenteeism and early withdrawal from schools. The team's focus will be on helping students with coping skills and by using various counseling techniques to modify and change negative and destructive behaviors. The teams are concentrating their efforts among tenth-grade students. Procedures will include: (1) comparing the overall records of those who qualify under program guidelines to help determine whether the program effectively reached the target population; (2) comparing statistically, the student truancy and withdrawal levels for the tenth grades in both target schools for the academic year; (3) gathering subjective data from school administrators, teachers, and SNT personnel as to their professional judgement and effectiveness of the team's effort in their respective areas; and (4) gathering similar subjective data from selective parents and students.

AR 79 0280

Assessing the Capacity of the State College and University Systems to Prepare Future Vocational Educators and Counselors Skilled in Vocational Guidance.
Project Director: Richmond, Lee J.
Organization: The John Hopkins Univ., Baltimore, Md.
Address: Baltimore, MD
Descriptors: *Accountability, *Counselor Training, Data Analysis, *Educational Needs, Employment Trends, Graduate Surveys, *Occupational Guidance, Occupational Surveys, *Program Effectiveness, State Colleges, State Surveys, State Universities, *Teacher Education, Trend Analysis
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $13,993
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Accurate and accountable vocational teacher and counselor educational programs tailored to meet state vocational instruction and guidance needs in line with occupational trends will be provided in this project. Objectives are to provide (1) a quantitative analysis of the present and needed capacity of vocational teacher and counselor education programs to meet state vocational instructional and vocational guidance needs, (2) a parallel analysis of local district plans for vocational education, and (3) an analysis of occupational trends from national and state sources. Instrumentation and methods capable of yielding required data will be developed. A structured interview sequence for department heads of vocational teacher and counselor education programs in Maryland will be conducted. Faculty and graduates of such programs will be surveyed and LEA's five-year need projections will be determined, and an analysis of national trends will be developed from state and national sources.

AR 79 0281

Computed-Assisted Instruction (CAI) in Home Economics.
Project Director: Hunter, Dorothy B.
Organization: Montgomery County Public Schools, Rockville, Md.
Address: 850 Hungerford Drive, Rockville, MD 20850
Descriptors: *Computer Assisted Instruction, Consumer Education, *Curriculum Research, *Home Economics Education, Home Management, *Individualized Instruction, *Learning Motivation, Sex Discrimination, Sex Fairness, *Student Motivation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,000 (Charged to FY 1978)
Note: This project also received $3,800 under Sec. 132 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The purpose of the project is to (1) determine the differences in learning in a traditional setting as opposed to computer assisted instruction (CAI) and other selected resources; (2) determine the attractiveness of CAI as a motivator to enrollment the second year of the study; and (3) use the results of the study to determine direction for program planning. Procedures will be to (1) select sample groups; (2) secure programs from VPI and arrange computer hook-up; (3) purchase one portable computer; (4) arrange summer workshop; (5) pretest control and experimental groups; (6) analyze collected data; (7) develop strategies to publicize CAI component of Independent Living course in schools containing experimental groups; and (8) prepare a summary of the study.

AR 79 0282

Curriculum Workshop for Vocational Teachers.
Project Director: Smith, Max A.
Organization: Howard County Public Schools, Columbia, Md.
Address: 8045 Route 32, Columbia, MD 21044
Descriptors: Curriculum Development, *Disadvantaged Youth, Educational Strategies, *Handicapped Students, *Lesson Plans, Office Occupations Education, *Performance Based Education, Teacher Aides, *Teacher Developed Materials, *Teacher Workshops, Vocational Education Teachers
Funding Period: Start Date 2 Aug 78; End Date 22 Aug 78
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Note: This project also received $5,000 under Sec. 132 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Objectives of this project are to (1) complete performance-based objectives as necessary for vocational programs at Howard Vocational-Technical Center; (2) develop lesson plans for meeting of objectives for each program; (3) develop plans for working effectively with the disadvantaged and handicapped; (4) plan for using aides effectively and efficiently; (5) develop performance-based ob-

jectives for the clerk/general office program; and (6) develop lesson plans including teaching materials, equipment needed, and strategies for meeting the objectives. Procedures will be to (1) identify competencies; (2) write a course of study; (3) develop competency profile; (4) develop teaching procedures sheets; (5) develop student competency sheets; (6) field test materials; and (7) review and revise these materials.

AR 79 0283

Development of an Information System and Strategies to Enable Vocational Education Teachers to Provide Guidance Services.
Project Director: Mietus, Walter S.
Organization: Maryland Univ., College Park, Dept. of Industrial Education
Address: College Park, MD 20742
Descriptors: Autoinstructional Aids, Building Trades, Career Exploration, *Career Planning, Communications, Curriculum Development, *Disadvantaged Youth, *Educational Strategies, *Handicapped Students, *Information Systems, Manufacturing Industry, Material Development, Occupational Choice, Occupational Guidance, Skill Analysis, *Student Ability, Trade and Industrial Education
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Note: This project also received $1,800 under Sec. 132 and $1,000 under Sec. 134 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The main intent of this project is to develop strategies and valid prototype career guidance materials which could be used by trade and industrial teachers. The theoretical model for the proposed system, "A Student Self Directed Career Search Inventory for Vocational Education," (SSDCSI) is based on Holland's Theory of Vocational Choice. The proposed career teaching devise (SSDCSI) and these strategies for teachers would eliminate the shortcomings mentioned in Holland's Theory. The SSDCSI would be designed to use the teacher's subject as a core and move out to a wide range of closely related jobs. The system, "A Student Self Directed Career Search Inventory for Vocational Education Student," (SSDCSI) would enable the teacher and student to recognize and identify realistic occupations for a wide range of abilities and for students with special needs. The system will also enable the teacher to identify least restrictive alternative occupations for the disadvantaged and handicapped students who have a desire to study vocational education subjects. Twenty-five copies of each of the three SSDCSI inventories (Construction Cluster, Manufacturing and Fabrication Cluster, and the Communication Cluster) and a teacher's handbook for using these will be submitted for dissemination in June 1979.

AR 79 0284

Exemplary Program for Disadvantaged Inmates.
Project Director: Parsons, M. H.
Organization: Hagerstown, Junior Coll., Md.
Address: 751 Robinwood Drive, Hagerstown, MD 21740
Descriptors: Adult Education, *Ancillary Services, *Correctional Education, Delivery Systems, *Disadvantaged Groups, Educational Opportunities, *Interinstitutional Cooperation, *Prisoners, *Program Administration, Program Evaluation, Shared Services
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Note: This project also received $4,430 under Sec. 132 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The funding of this project will enable employment of a prison liaison officer. The liaison officer will re-design the prison program model to accept a forty percent increase in the population to be served. The individual will work closely with education department personnel at the Maryland Correctional Training Center in bringing this objective to fruition. The person employed will establish a series of liaison procedures with those offices at Hagerstown Junior College charged with providing ancillary service to the disadvantaged inmate population. The liaison officer will conduct the day-to-day administrative operation of the program under the joint supervision of the Office of Student Affairs and the Office of Instructional Affairs. The liaison officer will be charged with the responsibility for program evaluation in cooperation with college, institutional, and third-party personnel.

AR 79 0285

Identification and Testing of a Computer-Assisted Occupational and Career Information System That Will Be Compatible with the Majority of Maryland's Secondary and Postsecondary Institutions.
Organization: Essex Community Coll., Md.
Address: Baltimore, MD 21237
Descriptors: *Career Choice, *Career Opportunities, *Computer Oriented Programs, Data Collection, *Information Systems, Needs Assessment, *Occupational Guidance, *Occupational Information, Postsecondary Education, Secondary Education, State Surveys
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $14,454
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A computer-assisted occupational and career information system most useful to the majority of Maryland's secondary and postsecondary institutions will be identified, system components will be tested, and the findings will be analyzed. The project will enable potential state-wide integration of computer-assisted career information, to give educators and students access to facts on occupations and career guidance necessary to intelligent vocational choice. Procedures will include taking inventory of existing systems in the state's secondary and postsecondary schools, securing data on other systems from NOICC national search results, and surveying Maryland secondary and postsecondary personnel concerning occupational information and career guidance needs of their personnel.

AR 79 0286

Interpreter Market Analysis and Skill Needs Project.
Project Director: Wenckowski, Charlene
Organization: Howard Community Coll., Columbia, Md.
Address: Little Patuxent Parkway, Columbia, MD 21044
Descriptors: Community Colleges, *Educational Background, Educational Needs, *Employment Opportunities, *Employment Projections, *Employment Qualifications, Employment Trends, *Interpreters, Manpower Needs, *Occupational Surveys, Postsecondary Education, Salaries, Skill Analysis
Funding Period: Start Date 1 Jul 78; End Date 1 Jan 79
Fiscal Year Funding: $3,900 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

This project will (1) identify existing opportunities for employment of interpreters in educational institutions, social service organizations, public service agencies, and business; (2) obtain information regardng expected changes in the demand for interpreters in the next five-year period; (3) determine the skills the above listed organizations seek when hiring interpreters; (4) determine education requirements of agencies that hire interpreters; (5) determine the effect that certification requirements have on skill needs for interpreters; (6) determine the salary that they can expect to earn; and (7) determine the current availability of interpreters. Howard Community College intends to use the information collected through this research to make decisions about the development and content of a program to train interpreters.

AR 79 0287

Leadership Development Workshops for Building Principals.
Project Director: Brannon, Donald R.
Organization: Maryland PPMAD Center, Baltimore
Address: 1815 Woodside Avenue, Baltimore, MD 21227
Descriptors: *Administrator Attitudes, *Demonstration Programs, *Film Production, *Leadership Training, *Principals, Workshops
Funding Period: Start Date 1 Jul 78; End Date 28 Feb 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A fifteen minute, 16mm sound and color film will be produced which will explain to school principals and other groups the exemplary practices and benefits of vocational education in Maryland in order to improve these groups' knowledge of and attitudes toward vocational education. Production of the film will include conducting research, developing a script, and editing the film. The film will be free of sex bias and will adequately represent disadvantaged and handicapped populations.

AR 79 0288

Nutrition Education Research Project.
Project Director: Brewster, Premala; Church, Marilyn
Organization: Maryland Univ., College Park
Address: College Park, MD
Descriptors: *Child Development, Curriculum Development, Data Collection, *Homemaking Education, Information Dissemination, Inservice Teacher Education, Learning Modules, Longitudinal Studies, *Material Development, *Nutrition Instruction, *Parenthood Education, *Performance Based Education, Program Evaluation, Research Projects, Summative Evaluation
Funding Period: Start Date 17 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $41,550
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Competency-based educational materials, coordinated with the competencies in the 1978 State Curriculum guidelines, will be developed and field tested for use in parenthood education and child development curricula. Competency sheets, five competency-based modules, two curriculum resource boxes, and an illustrated booklet with teacher's instructions for constructing classroom materials will be produced. A summative evaluation of the curriculum will be conducted, modules will be edited and revised, and research findings and published materials will be disseminated.

AR 79 0289

Preparation for Nontraditional Employment.
Project Director: Crew, Michele
Organization: Baltimore New Directions for Women, Md.
Address: 2517 North Charles Street, Baltimore, MD 21218
Descriptors: *Career Education, Changing Attitudes, College Students, Employee Attitudes, Employment Qualifications, Guidance Programs, *Nontraditional Occupations, Occupational Choice, *Occupational Information, Secondary School Students, Sex Stereotypes, Student Interests, Student Needs, Vocational Maturity, *Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000 (Charged to FY 1978)
Note: This project also received $2,000 under Sec. 136 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The purpose of the project is to (1) explore expectations and barriers to entering nontraditional occupations; (2) clarify job values; (3) orient participants to the world of work; (4) acquaint participants with employer expectations; (5) build good work habits; and (6) discover areas of support. With a series of nontraditional exploration workshops targeted at the student population who are in the process of choosing life careers, it is quite probable that a change of attitude may occur and new choices of work may ensue. The series of workshops is designed to allow a student to hear and see new ways of approaching the subject of nontraditional employment.

AR 79 0290

Proposal to Disseminate Information, Network, and Develop Efforts in Alternative Education Including Experience-Based Career Education.
Project Director: Allen, George
Organization: Regional Education Service Agency, Cresaptown, Md.
Address: 13202 6th Avenue, Cresaptown, MD 21502
Descriptors: *Career Education, *Educational Alternatives, *Experiential Learning, *Information Dissemination, *Information Networks, Inservice Teacher Education, Program Development, Site Development, Site Selection, Staff Orientation, State Programs, Teacher Orientation
Identifiers: Comprehensive Education and Training Act
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The contractor will provide the State Board of Education and DVTE with leadership in orienting and training school system personnel, school and community multiservice centers personnel, LEA personnel, and CETA prime sponsors in establishing and managing model experience-based career education sites and programs.

AR 79 0291

Sex Bias and Sex Stereotyping in Management.
Project Director: Marinich, Vladimir
Organization: Howard Community Coll., Columbia, Md.
Address: Little Patuxent Parkway, Columbia, MD 21044
Descriptors: Administrator Attitudes, Case Studies, Curriculum Development, *Employer Attitudes, Females, Instructional Materials, Postsecondary Education, *Role Playing, *Sex Discrimination, *Sex Stereotypes, *Student Attitudes, *Working Women
Funding Period: Start Date 1 Jul 78; End Date 31 May 79
Fiscal Year Funding: $3,261 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Procedures will include: (1) developing data on occupational patterns of women; (2) developing a unit (lesson) which addresses these patterns; (3) developing case studies (or role-playing scenarios) which deal with sex bias and stereotyping in the following work-related situations, hiring, performance appraisals, promotions, terminations, group interaction, and social interaction; and (4) developing a concluding lesson which covers litigation.

AR 79 0292

Sex Fairness Resource Materials.
Project Director: Henry, Dudley F.
Organization: Baltimore City Public School, Md.
Address: Calvert and 23rd Streets, Baltimore, MD 21218
Descriptors: Career Choice, Educational Opportunities, *Nontraditional Occupations, *Occupational Guidance, *Occupational Information, *Pamphlets, *Resource Materials, *Sex Fairness, Sex Role, Sex Stereotypes, Student Recruitment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Note: This project also received $5,000 under Sec. 136 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The objectives of the project are to (1) produce a series of occupational information brochures that present realistic and useful information about all trade programs offered in the Baltimore City Public Schools; (2) make it possible to present information in a manner that reflects sex fairness at this point in time; and (3) assist students in making career choices based upon current and predicted opportunities in a field unbiased by traditional sex stigmas. A series of career information brochures will be published to stimulate student interest, regardless of sex, in vocational education programs and encourage enrollment in these programs. The brochures, through text and pictures, will indicate to all students enrolled in the junior and senior high schools and selected elementary schools in the city, the role of the male and female in the world of work and the preparation required for entry-level employment.

AR 79 0293

Sex Fairness Resource Materials.
Project Director: Warbasse, Elizabeth
Organization: Baltimore Community Coll., Md., Liberty Campus
Address: 2901 Liberty Heights Avenue, Baltimore, MD 21215
Descriptors: Audiovisual Aids, *Career Choice, Career Exploration, Career Opportunities, Information Dissemination, *Nontraditional Occupations, *Occupational Information, Pamphlets, Postsecondary Education, Resource Centers, *Resource Materials, Secondary Education, *Sex Fairness, Sex Role, Sex Stereotypes, *Working Women
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Note: This project also received $5,000 under Sec. 136 for FY 1978.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Procedures will include: (1) collecting and publishing an occupational resource guide which will be placed in junior, senior, and postsecondary institutions for use by educators, counselors, and students; (2) publishing a series of pamphlets for students at the junior, senior, and postsecondary level which include career inventory, values, self-assessment designs, and goal setting; (3) establishing a Women's Research Center at the Community College of Baltimore which will maintain and disseminate resource materials; (4) collecting, maintaining, and disseminating, through the use of video-taped and taped oral history, interviews of working men and women in traditional and nontraditional occupations; and (5) analyzing and evaluating resource and curriculum materials for bias through the creation of a permanent advisory committee working in a conference or workshop setting.

AR 79 0294

State-Wide Assessment of the Knowledge, Readiness, and Attitudes of Vocational Instructors As They Relate to Handicapped Students.
Project Director: Allan, Richard G.
Organization: National Evaluation Systems, Inc., Amherst, Mass.
Address: 30 Gatehouse Road, Amherst, MA 01002
Descriptors: *Handicapped Students, Information Dissemination, *Inservice Teacher Education, *Special Education, *Surveys, *Teacher Attitudes, *Teacher Educator Education
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $35,510
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A readable list of current classifications of handicapping conditions will be prepared for use by vocational educators. Using a questionnaire and interview to be developed, a survey of 800 vocational educators will be conducted for baseline information concerning teacher attitudes and perceptions toward handicapped students; nonrespondents will be followed up, and data will be analyzed. Recommendations will then be developed for inservice education to help teachers better understand handicapping conditions. A final report will be delivered. In addition, 2,000 copies of a brochure will be produced describing the study and its purpose and procedures, and how the results will be used. Five copies of a slide/tape presentation, consisting of seventy color slides and a ten-minute tape, will be produced to provide an overview of the study for groups such as chambers of commerce, teachers, and parents.

Exemplary and Innovative (Sec. 132)

AR 79 0295

Accounting Audiovisual Modules.
Project Director: Creager, L.; Parsons, M.
Organization: Hagerstown Junior Coll., Md.
Address: 751 Robinwood Drive, Hagerstown, MD 21740
Descriptors: *Accounting, *Audiovisual Instruction, *Business Education, Curriculum Development, Junior Colleges, *Learning Modules, *Needs Assessment, Slides, Surveys, Tape Recordings
Funding Period: Start Date 1 Jul 78; End Date 28 Feb 79
Fiscal Year Funding: $1,500

Sponsoring Agency: Maryland State Dept. of Education, Baltimore

College staff members involved in accounting would survey the accounting practices in use in the HJC service area and the survey results will be compared with existing tape and slide materials which will be revised if any discrepancies are found. The revised materials will be assessed by two members of the Accounting and Business Program Advisory Committee. Students enrolled in first-year accounting classes will use the revised materials. Their achievement will be monitored and their opinions of the material will be sampled.

AR 79 0296

Assessment and Guidance Center, Correctional Education.
Project Director: McGinnis, Charles B.
Organization: Maryland State Dept. of Education, Baltimore. Branch of Correctional Education
Address: P.O. Box 8717, BWI Airport, Baltimore, MD 21240
Descriptors: *Correctional Education, Counseling, *Educational Planning, Guidance, Prisoners, *Student Placement, *Vocational Rehabilitation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $30,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 1.1.1.23 A

Individual education plans based on eductional needs determined by testing and counseling will be developed for all inmates. Students will be placed in vocational education programs suitable to their interests, needs, and abilities and will receive supportive counseling and guidance during program selection and training. Hands-on activities will be provided, and participating inmates will submit follow-up evaluations. An assessment package for use in vocational education assignment will be developed and delivered.

AR 79 0297

Center for Educational Research and Development.
Project Director: Austin, Gilbert R.
Organization: Maryland Univ., Catonsville
Address: 5401 Wilkens Avenue, Catonsville, MD 21228
Descriptors: Documentation, *Educational Research, *Elementary Secondary Education, *Guides, *Postsecondary Education, Research Needs, Research Opportunities, *Research Reviews (Publications), School Systems
Funding Period: Start Date 1 Jan 79; End Date 31 Dec 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

An expanded version of the third edition of the "Maryland Educational Research Guidebook" will be produced in this project. The guidebook documents research activities in institutions of higher learning and in the local county school systems, identifies persons responsible for research, and includes present and potential research information in educational and vocational categories. Master's and doctoral students could use the guidebook to identify which school systems would be receptive to working with them.

AR 79 0298

Competency-Based Curriculum Development Workshop (Addendum).
Project Director: Reiley, H. Edward
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: Curriculum Development, *Curriculum Guides, *Performance Based Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Maryland State Department of Education, Baltimore
Contract and/or Control No.: 2.2.1.1

Additional clerical services will be provided to print, collate, and distribute materials developed in the summer curriculum workshop. Each student will be provided with a competency sheet.

AR 79 0299

Competency-Based Curriculum Development Workshop.
Project Director: Reiley, H. Edward
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance, Teacher Developed Materials, *Teacher Workshops
Identifiers: Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,454
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.2.1.1

A fifteen-day workshop, using V-TECS and craft committees, will develop competency-based curricula which will relate instruction to industry standards and base it on a task analysis of the industry served. Participants will develop a task list, course outline, and a competency sheet for each task and assemble a properly sequenced and complete course of study for at least the first level of instruction (one year) before the workshop closes. They must make these materials available for typing and reproduction for use the same school year. A final report will be delivered.

AR 79 0300

Competency-Based Education as the Model to Facilitate Articulation between the Three Levels of Medical Laboratory Training.
Organization: Essex Community Coll., Md.
Address: 7201 Rossville Boulevard, Baltimore, MD 21237
Descriptors: *Articulation (Program), *College High School Cooperation, Community Colleges, Curriculum Research, *Health Occupations Education, Information Dissemination, *Medical Laboratory Assistants, *Performance Based Education, Performance Criteria, Postsecondary Education, Program Evaluation, Secondary Education, *Teacher Workshops
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $4,701
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A document detailing the competency-based education for medical laboratory technicians to be articulated with two other levels will be produced in this project. Materials, using those for medical laboratory technology as a model, will be disseminated to other allied health education programs. A system to analyze student input and feedback and an analysis of secondary, community college and baccalaureate level curricula will also be delivered. Procedures will include (1) identifying the fundamental clinical competencies which should be required at each level of training, (2) preparing competency-based sheets for the clinical competencies identified at each of the three levels, (3) developing and implementing a series of workshops for educators to facilitate articulation, and developing and initiating procedures for maintaining ongoing communication between educators at the three levels of training, and completing project evaluation, modifying materials, and preparing final documents.

AR 79 0301

Develop an Energy Technician Option within an Existing Technology Program.
Project Director: Baker, Tom
Organization: Hagerstown Junior Coll., Maryland
Address: Hagerstown, MD 21740
Descriptors: Budgets, Curriculum Design, Curriculum Development, Curriculum Research, Data Collection, Educational Needs, *Energy, Engineering Technicians, *Followup Studies, Job Market, Junior Colleges, Performance Criteria, *Program Development, Program Evaluation, *Technical Occupations
Identifiers: *Energy Technicians
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $8,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A set of courses appropriate to the training needs of an Energy Technician as an option to the Engineering Technician Program at Hagerstown Junior College will be researched and designed in this project. Procedures used to prepare the plan will include (1) researching energy options in existence at the present time, (2) analyzing the employment needs of the service area of Hagerstown Junior College, (3) designing a set of courses that will provide the identified student competencies, (4) equipping the energy laboratory to provide necessary skills, and (5) monitoring graduates for data to be used for evaluation of the program.

AR 79 0302

Development of an Energy Technician Option within the Electromechanical Technology Program Offered at Allegheny Community College, Cumberland, Maryland.
Organization: Allegheny Community Coll., Cumberland, Md.
Address: Cumberland, MD 21502
Descriptors: Budgets, Catalogs, Community Colleges, Criterion Referenced Tests, Curriculum Development, Educational Alternatives, *Electromechanical Technology, *Energy, *Energy Conservation, *Instructional Materials, Job Skills, *Performance Based Education, Postsecondary Education, *Technical Occupations
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $7,299
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Two competency-based, energy-related courses will be integrated into the existing electro-mechanical program to provide an energy technology option. Among the products to be produced are a profile of competencies required to

perform energy audits and for monitoring and evaluating energy conservation efforts, a catlaog of performance objectives and criterion-referenced measures, and a report of expected impact on student enrollment and graduate placement.

AR 79 0303

Development of an Innovative Model for Disadvantaged Students Enrolled in Secondary Vocational Education–Guide for Success in Vocational Education.
Organization: GUIDE, Hyattsville, Md.
Address: 5126 Baltimore Avenue, Hyattsville, MD 20781
Descriptors: *Ancillary Services, Behavior Change, *Disadvantaged Youth, *Dropout Prevention, Group Counseling, Guidance Counseling, Individual Counseling, *Models, *Outreach Programs, Program Development, Secondary Education, Student Behavior, *Success Factors
Funding Period: Start Date 1 Jan 79; End Date 31 Jul 80
Fiscal Year Funding: $17,050
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

To increase the chances that disadvantaged youth will complete vocational programs and then obtain employment, a program offering support services will be developed for twenty-five students in the Prince George public school system. Support services will consist of mini-courses and group and individual counseling using a behavioral reward system for reinforcement. A competency list will be used to determine if student behavior has improved. Data on the successes and failures of the program will be collected and disseminated to students, parents, and teachers involved in the program. Program ideas and methodologies will be shared with vocational teachers.

AR 79 0304

Exemplary Postsecondary Program for the Career and Emotional Development of Blind and Visually Impaired Students.
Project Director: Hadlock, William E.
Organization: Catonsville Community Coll., Catonsville, Md.
Address: Catonsville, MD
Descriptors: Academic Aspiration, *Ancillary Services, Blind, Career Development, Career Opportunities, *Career Planning, Counseling, *Handicapped Students, Job Search Methods, Job Training, *Mainstreaming, Occupational Aspiration, Postsecondary Education, *Visually Handicapped
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $30,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A comprehensive model of career and emotional development of blind and visually impaired students will be developed by mainstreaming the students into diverse career curricula, and by providing support counseling, advisement, career planning, educational planning and other related services pertinent to the successful completion of career curricula.

AR 79 0305

Exemplary/Disadvantaged.
Project Director: Harris, Paul J.
Organization: Baltimore City Public Schools, Md.
Address: Calvert and 23rd Streets, Baltimore, MD 21218
Descriptors: *Adjustment (to Environment), Ancillary Services, Coping, *Disadvantaged Youth, Program Development, *Student Adjustment, Student Attitudes, Student Needs, *Student Problems, Student Teacher Relationship, *Teacher Guidance, *Tutoring
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,632
Note: This project received additional funding of $3,360 under Sec. 132 for FY 1979.
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

The project will develop a list of concerns as they affect each student in attending school and progressing in classes and a plan for assisting each student to manage the problems so that he/she perceives a positive approach in attending school. Selected teachers become Teacher-Advocates who would be responsible for meeting daily with about eight students. Teacher-Advocates would meet before school or after school to assist students in coping with the demands of school, their environment, and home. The Teacher-Advocates would also serve as liaison with the students, parents, classroom and trade teachers, work-study associate, counselor, and school administration.

AR 79 0306

FCC Year-Round Aviation/Avionics (Continuation).
Project Director: Turner, Lewis O.
Organization: Frederick Community Coll., Md.
Address: Frederick, MD 21701
Descriptors: *Aviation Mechanics, *Aviation Technology, Community Colleges, Educational Opportunities, *Electronics, *Feasibility Studies, Postsecondary Education, *Program Development, Program Planning, *Reports
Identifiers: Aviation Maintenance, Avionics
Funding Period: Start Date 15 Dec 78; End Date 31 Jul 79
Fiscal Year Funding: $4,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A two-part report will be produced which will assess the feasibility of and propose a schedule and implementation plan for expanding the present aviation maintenance technology program to year around operation and establishing an avionics option to the existing electronics technology and aviation maintenance technology programs. The report will address curriculum, scheduling, costs, equipment needs, space, field experience opportunities, student and employment markets, staffing, industry and licensing standards, and potential financial support from industry and government grants. Information will be gathered through surveys; curriculum and literature reviews; and personal and telephone interviews with employers, schools, federal agencies, aviation industry personnel, FCC staff members, and appropriate trade associations. Curriculum for the year around aviation and technology program and avionics option will be developed.

AR 79 0307

Limited Funding for Out-of-County Cost Differential for Students Enrolled in Regional and Statewide Programs.
Project Director: Harrison, Emory
Organization: State Board for Community Coll., Annapolis, Md.
Address: 16 Francis Street, Annapolis, MD 21401
Descriptors: *Community Colleges, *Educational Finance, Expenditure Per Student, Postsecondary Education, Regional Programs, School Funds, State Programs, *Student Costs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.2.1.2 A

A charge back process will be initiated for limited funding of out-of-county tuition cost differential for students enrolled in occupational programs designated by the State Board for Community Colleges as regional or state-wide. The institution offering the occupational program will be charged the difference in tuition. A set of criteria applicable to any occupational community college will be developed to determine if the program qualifies as state-wide or regional. Postsecondary students will be encouraged to enroll in out-of-county approved designated programs, since they will incur no additional tuition costs. A final report will be delivered indicating the FTE's and total dollar difference in charge backs to various postsecondary institutions with approved programs.

AR 79 0308

Postsecondary Program for the Career and Educational Development of Deaf Students.
Project Director: Frank, Roland G.
Organization: Catonsville Community Coll., Md.
Address: Catonsville, MD 21228
Descriptors: *Access to Education, Basic Skills, *Career Development, Community Colleges, *Deaf, *Educational Opportunities, Evaluation, *Handicapped Students, Language Skills, Needs Assessment, Postsecondary Education, *Student Placement, Vocational Counseling
Funding Period: Start Date 1 Jan 79; End Date 30 June 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Deaf students will be provided with an opportunity to attain meaningful employment by being placed in vocational education programs. Ten to twenty deaf students from the Baltimore area will be identified as vocational education students and enrolled at Catonsville Community College. An assessment and evaluation program will be developed; career counseling will be made available. The instructional component will have two aspects: instruction in language, computation, and learning skills and instruction in occupational and career programs. Through this project, the college will develop its capacity to modify its ongoing program of classroom instruction, career development, job-search skills, and support counseling for deaf students.

AR 79 0309

Replicable Model for Bias-Free Reading Materials to Broaden Awareness of Careers for Potential Voctional Students.
Project Director: Little, Charlotte B.
Organization: Howard County Public School, Columbia, Md.
Address: 8045 Route 32, Columbia, MD 21044
Descriptors: *Career Awareness, *Criterion Referenced Tests, Curriculum Development, Grade 7, *Home Economics, *Inservice Teacher Education, Instructional Materials, Junior High Schools, Prevocational Education, *Reading Skills, Remedial Reading Programs, *Sex Fairness

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,000 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Project objectives are to (1) develop a curriculum writing inservice program to train teachers to integrate the teaching of reading skills with the teaching of home economics concepts to broaden occupational aspirations and vocational career awareness opportunities for youth and (2) assess student reading ability by administering a non-biased, vocational career awareness/home economics criterion-referenced test. The process will involve students in seventh grade home economics classes identified as having reading skill deficiencies on reading tests. A curriculum writing workshop will be conducted which will enable teachers to integrate reading skills with career awareness and home economics concepts and a special career awareness/home economics criterion-referenced test will be developed and field tested during the project. Curriculum development will be monitored to assure that all reading and testing materials developed for the program are bias-free and include concepts in the areas of career awareness and home economics.

AR 79 0310

Staff Development for Part-Time Faculty.
Project Director: Parsons, Michael H.
Organization: Hagerstown Junior Coll., Md.
Address: 751 Robinwood Drive, Hagerstown, MD 21740
Descriptors: College Faculty, Community Colleges, *Inservice Teacher Education, Part Time Teachers, Postsecondary Education, *Staff Improvement, *Teacher Workshops, *Teaching Techniques
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,820 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Instructional development and teaching technique assistance to the part-time faculty in Maryland's community colleges will be provided in this project. A representative interest inventory instrument will be selected and sent to each part-time, occupational instructor teaching at the participating colleges. A workshop planning team will be assembled from volunteers affiliated with participating colleges to tabulate all instruments and use the results to prepare the agenda for the workshop. The workshop planning team will identify the personnel who will conduct the actual workshops. An overall workshop evaluation instrument will be used to determine participant satisfaction. The workshop teams from each participating college will apply the material from the workshop in a staff development setting on the campus.

AR 79 0311

Videotape Packages for Career Awareness Seminars.
Project Director: Ching, Wayne
Organization: Dundalk Community Coll., Baltimore, Md.
Address: 7200 Sollers Point Road, Baltimore, MD 21222
Descriptors: *Autoinstructional Aids, *Career Development, *Career Education, Curriculum Development, *Material Development, *Occupational Information, *Videotape Recordings
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $3,200 (Charged to FY 1978)
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Objectives of the project are to (1) develop three packages in the area of career development/career awareness; (2) provide faculty members with materials they can use to present career development/career awareness material in their classrooms; and (3) provide students with materials they can read at a time and place that is convenient for them. In taping each seminar, the following tasks and procedures need to be followed: (1) planning stage, (2) implementation stage; (3) taping stage; and (4) production stage.

Curriculum Development (Sec. 133)

AR 79 0312

Affective Competencies for Business Articulation.
Project Director: Van Doren, Doris C.
Organization: Howard Community Coll., Columbia, Md.
Address: Little Patuxent Parkway, Columbia, MD 21043
Descriptors: *Affective Behavior, *Articulation (Program), *Behavioral Objectives, Community Colleges, *Cooperative Education, Job Development, Job Placement, Occupational Guidance, Postsecondary Education, *Retailing, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,980
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9024

A competency profile for the retailing certificate program at Howard Community College will be developed. A course, Cooperative Work Experience and Seminar, which will provide the context for the development of affective competencies as they relate to job success and self-knowledge, will be designed; and a set of student competency sheets for affective competencies, such as student self attitudes and work values, will be written for the postsecondary level. The student competency sheets will be made available to business faculty of Howard County high schools and area vocational technical schools. Learning activities that are feasible at the secondary level will be designed, and certain activities will be coordinated with the secondary level business faculty to provide more continuity in students' instructional programs. Activities that use the student competency sheets in overall job development and job placement at the community college level will be coordinated with the college counseling center. A final report will be delivered.

AR 79 0313

Competency-Based Agricultural Education Curriculum Project.
Project Director: Reiley, Edward
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: *Agribusiness, *Agricultural Production, *Behavioral Objectives, Educational Needs, *Farm Mechanics (Occupation), *Horticulture, Occupational Information, *Performance Based Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

A complete list of job titles for County jobs jobs requiring agricultural competencies will be developed, and the average yearly need for new or replacement employees will be determined. Four competency profiles will be developed, one each for production agriculture, horticulture, agricultural mechanics, and agribusiness along with a set of competency sheets for one unit of instruction in each of the four areas. A final report will be delivered.

AR 79 0314

Competency-Based Curriculum Development for a New Program on Marine Fisheries.
Project Director: Santucci, Hubert
Organization: Talbot County Board of Education, Easton, Md.
Address: P.O. Box 1029, Washington Street, Easton, MD
Descriptors: *Behavioral Objectives, *Fisheries, *Instructional Materials, *Performance Based Education, School Community Cooperation, Secondary Education, Skill Development
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9014

A consultant will be hired to prepare a list of competencies related to marine fisheries, interview all agencies involved in the fisheries industry, work with a lay committee of fishermen to field test the competencies, and aid the vocational education supervisor and the principal in preparing the school to introduce the new program.

AR 79 0315

Competency-Based Curriculum Development for Adult Correctional Institutions.
Project Director: McGinnis, Charles B.
Organization: Maryland State Dept. of Education, Baltimore. Div. of Vocational-Technical Education
Address: P.O. Box 8784, BWI Airport, Baltimore, MD 21240
Descriptors: *Behavioral Objectives, *Correctional Education, Correctional Rehabilitation, Curriculum Evaluation, *Disadvantaged Groups, Individualized Programs, *Instructional Materials, *Performance Based Education, *Prisoners
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9019

Competency-based, individualized instructional materials will be developed for disadvantaged individuals incarcerated in Maryland's adult correctional facilities. Existing instructional materials used in vocational education programs and other institutions, including those commercially prepared, will be surveyed and competency-based materials will be obtained. The competencies to be achieved in each training program will be identified and a course of study for each vocational education program developed. Existing profiles will be evaluated, and those which apply to Maryland's correctional training programs will be adopted. The gathered materials will be used to develop competency-based sheets and evaluated to determine which units will be required to fulfill the training objectives. A final report will be delivered.

AR 79 0316

Competency-Based Curriculum Development.
Project Director: Reiley, Edward
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: *Behavioral Objectives, *Cooperative Education, Inservice Teacher Education, *Instructional Materials, *Performance Based Education, *School Industry Relationship, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9016

A task list, competency profile, and student competency sheets for levels I and II of the cooperative education programs will be developed. A craft committee composed of five local businesspersons will develop the task list and competency profile during a summer workshop. The competency profile and student competency sheets for first-year cooperative students will be developed by five cooperative education teachers in a two-week summer workshop. The teachers will receive inservice training on competency-based education prior to the workshop.

AR 79 0317

Competency-Based Curriculum Development.
Project Director: Smith, Max; Withington, Virginia
Organization: Howard County Public Schools, Columbia, Md.
Address: 8045 Route 32, Columbia, MD 21044
Descriptors: *Behavioral Objectives, Course Evaluation, *Instructional Materials, *Performance Based Education, Secondary Education, *Teacher Developed Materials, *Typewriting
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $1,705
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9017

Teachers will evaluate at least ten competency-based vocational education booklets, develop a course of study and complete competency profiles for Typing I and II, and develop a set of competency sheets in one unit of instruction for Typing I and II. Teachers will work both individually and in small groups to accomplish the tasks. A committee will be selected to edit the materials. A final report will be delivered.

AR 79 0318

Competency-Based Electronics Technology.
Project Director: Smith, James S.
Organization: Howard Community Coll., Columbia, Md.
Address: Little Patuxent Parkway, Columbia, MD 21044
Descriptors: *Behavioral Objectives, Community Colleges, *Electronics, *Instructional Materials, Job Skills, *Performance Based Education, *Postsecondary Education
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $2,070
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9025

After determining the competencies an electronics technician must possess to gain job entry and job promotion, project staff, assisted by the local advisory committee and the community college staff, will place the competencies in priority order and modify them for appropriate curriculum revision. A complete set of competencies for the revised programs will be developed and compared with other current programs, including V-TECS catalogs. At least one competency-based course in electronics technology; a student competency evaluation system; and a compedium of competencies in the skill, attitude, and knowledge domains will be produced. A final report will be delivered.

AR 79 0319

Competency-Based Industrial Arts Curriculum Project.
Project Director: Flaherty, R.
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: *Behavioral Objectives, Drafting, *Industrial Arts, Metals, *Performance Based Education, Program Development, Secondary Education, Teacher Workshops, Woodworking
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9015

A county-wide, competency-based industrial arts curriculum will be developed, including student competency sheets for each area of metal, wood, and drafting instruction, for use in middle, junior high, and senior high schools. A two-week workshop for six industrial arts teachers will be held to develop the competency sheets.

AR 79 0320

Competency-Based Multiple Roles Curriculum Guide.
Project Director: Cooney, Stephanie H.
Organization: Maryland Univ., College Park. Coll. of Education
Address: College Park, MD 20742
Descriptors: *Behavioral Objectives, *Consumer Education, *Curriculum Guides, *Home Economics Education, *Lesson Plans, *Performance Based Education, Resource Materials, Role Perception, Teaching Techniques
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9020

A competency-based guide will be produced to aid home economics teachers to develop competency-based lesson plans which will provide consumer and homemaking students with the knowledge, skills, and attitudes necessary to successfully combine managing a home and outside-the-home employment. The multiple roles curriculum guide will include student competency sheets, competency profiles, teacher suggestions for use of the guide and further explanation, and a suppementary teaching materials bibliography of resources which will be developed during the course of the project. A final report will be delivered.

AR 79 0321

Competency-Based Vocational Education in Postsecondary Institutions (Automotive Technology).
Project Director: Cantor, Jeffrey
Organization: Montgomery, Coll., Rockville, Md.
Address: 51 Mannakee Street, Rockville, MD 20850
Descriptors: Audiovisual Aids, *Auto Mechanics (Occupation), Community Colleges, *Electricity, *Instructional Materials, *Performance Based Education, *Postsecondary Education, Programed Instruction, Skill Development, *Teaching Techniques
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $1,950
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9023

The automotive technology department will develop a competency-based course in automotive electricity. Programmed instructional modules and manuals will be developed in the major areas of automotive electrical fundamentals to be used with audiovisual software. A comparison study will be produced indicating the success levels of two groups of students, one using the competency-based instruction and the other receiving traditional instruction. Skill development areas will be designed and produced to supplement the modules. The project group will attend lectures and demonstration sessions to ask questions and receive further clarification on the project.

AR 79 0322

Competency-Based Worksheets for Data Processing II.
Project Director: Hess, J.
Organization: Frederick County Board of Education, Md.
Address: 115 East Church Street, Frederick, MD 21701
Descriptors: *Behavioral Objectives, *Data Processing, *Performance Based Education, Secondary Education, Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9013

Competencies to be developed in Data Processing II will be determined, and competency work sheets to accompany the data processing work guide will be developed and printed. The worksheets will provide a continuation of experiences, materials, and methods currently in use in Data Processing I. Workshops will be held for data processing teachers and supervisors. A final report will be delivered.

AR 79 0323

Curriculum for Disadvantaged.
Project Director: Mangano, R. Michael; Gemmill, Perry
Organization: Maryland Univ., College Park. Center for Educational Research and Development
Address: College Park, MD 20742
Descriptors: Curriculum Evaluation, *Disadvantaged Youth, *Instructional Materials, Instructional Media, *Performance Based Education, *Resource Guides, Technical Assistance
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $31,839
Sponsoring Agency: Maryland State Dept. of Education, Baltimore

Outstanding vocational curriculum materials for use with disadvantaged vocational students will be identified, three sets purchased, and a selected number field tested for effectiveness with two local education agencies. A resource guide of print and nonprint vocational curriculum materials will be

developed with an emphasis on competency-based materials for use with disadvantaged students. Local education agencies will be assisted in adopting, modifying, and implementing curriculum materials for disadvantaged students.

AR 79 0324

Curriculum for Handicapped Vocational Students.
Project Director: Mangano, R. Michael; Foster, P.R.
Organization: Maryland Univ., College Park. Center for Educational Research and Development
Address: College Park, MD 20742
Descriptors: Curriculum Evaluation, *Handicapped Students, *Instructional Materials, Learning Disabilities, Mental Retardation, *Performance Based Education, *Resource Guides, Technical Assistance
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $10,928
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9007

High interest, competency-based vocational materials for handicapped students will be identified, and a resource guide to vocational materials for the handicapped will be compiled and disseminated. Vocational teachers will be aided in using selected curriculum materials with mentally retarded and learning disabled vocational students. Effectiveness of the materials will be assessed through field tests with selected local education agencies.

AR 79 0325

Curriculum Materials for Bilingual Students.
Project Director: Mangano, R. Michael; Kryszak, Sarah J.
Organization: Maryland Univ., College Park. Center for Educational Research and Development
Address: College Park, MD 20742
Descriptors: *Bilingual Education, Bilingual Students, Curriculum Evaluation, *Instructional Materials, *Resource Guides, Technical Assistance
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $10,978
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9009

Bilingual vocational education materials will be purchased and evaluated; abstracts of these materials will be compiled into a resource guide. Outstanding materials will be selected and field tested with cooperating local education agencies. Vocational teachers will be aided in using selected bilingual vocational materials.

AR 79 0326

Maryland Vocational Curriculum Production Project–Phase I.
Project Director: Reynolds, E. J.
Organization: Western Maryland Vocational Resource Center, Cresaptown
Address: P.O. Box 5448, McMullen Highway, Cresaptown, MD 21502
Descriptors: *Audiovisual Aids, Catalogs, Curriculum Guides, *Instructional Materials, *Instructional Media, *Material Development, Postsecondary Education, Secondary Education
Funding Period: Start Date 15 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $150,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.3.1.2 (9002)

Curriculum materials for secondary and postsecondary use, including curriculum guides, courses of study, Vocational-Technical Education Consortium of States (V-TECS) catalogs, films, slide/tape presentations, video tapes, and audio programs, will be developed and disseminated to Maryland educators. A final report on the procedures used in developing these materials will be produced.

AR 79 0327

Maryland Vocational Curriculum Research and Development Center.
Project Director: Maley, Donald; Mangano, Michael
Organization: Maryland Univ., College Park. Research and Development Center
Address: J.M. Patterson Building, College Park, MD 20742
Descriptors: Curriculum Development, *Curriculum Evaluation, *Curriculum Research, *Curriculum Study Centers, Educational Resources, Information Dissemination, *Information Networks, *Performance Based Education, *Research and Development Centers, Resource Guides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $100,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.3.1.3 A & 2.3.1.4 A

Functioning within the Maryland Vocational Curriculum Management System, a center for curriculum research, development, evaluation, and diffusion will be provided. A network of curriculum services and communication for vocational educators also will be provided through the education agencies in Maryland. Among the products delivered will be one camera-ready copy each of teacher resource guides containing annotations of instructional and audiovisual materials for competency-based education in agriculture, business and office education, and consumer and homemaking education and an annual catalog of vocational curriculum materials in the free-loan library system. A final report will be delivered.

AR 79 0328

Model Vocational and Technical Education Centers for Competency-Based Education.
Project Director: Belcher, John M.
Organization: Carver Vocational-Technical High School, Baltimore, Md.
Address: 2201 Presstman Street, Baltimore, MD 21216
Descriptors: *Behavioral Objectives, *Curriculum Evaluation, *Inservice Teacher Education, *Instructional Materials, *Performance Based Education, Secondary Education, Vocational Training Centers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.3.1.8

Staff development activities will be conducted to prepare the entire staff of Carver Vocational-Technical High School in the concept of competency-based instruction. A needs assessment will be conducted to determine what curriculum materials the teachers are currently using, and competency-based materials will be collected. Competency profiles, one for each vocational and academic program offered at the high school, and a set of courses of study for each program will then be developed along with student competency sheets for each unit of instruction. The student competency sheets will be field tested.

AR 79 0329

Model Vocational and Technical Education Centers for Competency-Based Education.
Project Director: Smith, Max A.
Organization: Howard County Public Schools, Columbia, Md.
Address: 8045 Route 32, Columbia, MD 21044
Descriptors: *Curriculum Evaluation, *Instructional Materials, *Performance Based Education, Secondary Education, *Teacher Developed Materials, Vocational Training Centers
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9011

Courses of study for all vocational programs at Howard Vocational Technical Center will be revised and updated. Competency profile sheets for all programs and student competency sheets for twenty-two programs will be completed. Competency profile and student competency sheets for five programs will be field tested. Competency sheets for one-half the units of instruction in six additional programs also will be field tested. The profile and student competency sheets for the remaining programs will be completed as far as possible, and at least one unit of instruction will be field tested. These materials will be developed by the teachers at the vocational center with assistance from the principal and vocational education supervisors.

AR 79 0330

Staff Activities to Implement Competency-Based Curriculum Development.
Project Director: Jordan, Jack W.
Organization: Baltimore City Public Schools, Md.
Address: 3 East 25th Street, Baltimore, MD 21218
Descriptors: *Administrative Personnel, *Behavioral Objectives, Course Evaluation, *Inservice Programs, *Instructional Materials, *Performance Based Education, Secondary Education, *Trade and Industrial Education
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 80
Fiscal Year Funding: $3,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 2.3.1.9 (9018)

To develop staff leadership at the building level, department heads in trades and industry will receive intensive training in the use of competency-based vocational education (CBVE). A series of workshops, conducted by personnel from the Division of Vocational-Technical Education, the Professional Personnel Youth/Adult Development Center, Maryland Vocational Curriculum Research and Development Center, and local education agency personnel, will instruct participants in the most effective use of CBVE booklets. The department heads will then complete exercises in and evaluate the CBVE booklets. Evaluation forms for CBVE booklets, selected courses of study, a competency profile for each selected course or program, and student competency sheets in one unit of instruction for each of the courses will be developed and disseminated. A final report will be delivered.

AR 79 0331

Vocational Teacher Education Units for Teachers of Disadvantaged Vocational Students.

Project Director: Gemmill, Perry R.
Organization: Maryland Univ., College Park. Dept. of Industrial Education
Address: College Park, MD 20742
Descriptors: Behavioral Objectives, *Disadvantaged Youth, Instructional Materials, *Performance Based Education, *Preservice Education, Program Planning, *Teacher Education Curriculum, *Teaching Skills, *Vocational Education Teachers
Funding Period: Start Date 15 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $16,438
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9073

Teacher competencies required for assessing and instructing disadvantaged vocational education students will be determined and used as a basis for the development of five competency-based units of instruction for preparing preservice teachers of disadvantaged students. The effectiveness of these teacher education multimedia learning materials will be determined by field testing, and appropriate revisions will be made. A final report will be delivered.

AR 79 0332

Vocational-Technical Education Consortium of States (V-TECS) Analysis Project.

Project Director: Schurter, William J.
Organization: Maryland Univ., College Park. Dept. of Industrial Education
Address: College Park, MD 20742
Descriptors: Architectural Drafting, *Behavioral Objectives, Check Lists, *Criterion Referenced Tests, Office Machines, *Performance Based Education, Performance Criteria, Secondary Education, Secretaries, *Task Performance, Typewriting
Identifiers: *Vocational Technical Education Consortium States, Word Processing
Funding Period: Start Date 1 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $60,000
Sponsoring Agency: Maryland State Dept. of Education, Baltimore
Contract and/or Control No.: 9001

Two V-TECS catalogs of performance objectives and performance guides in the area of architectural drafter and word processing administrative support secretary will be developed. Procedures used in the production of the catalogs will follow the "Technical Reference Handbook" published by V-TECS and revised October 1978.

MASSACHUSETTS

Research (Sec. 131)

AR 79 0333

Comprehensive Analysis of the Needs of Occupational Education for Professional Development in Special Education Competencies.

Organization: Massachusetts Univ., Amherst. Center for Occupational Education

Address: Amherst, MA

Descriptors: Curriculum Development, *Curriculum Guides, Exceptional Persons, Handicapped Students, *Individualized Programs, *Inservice Programs, Needs Assessment, *Preservice Education, Skill Development, *Special Education, Vocational Education Teachers

Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79

Fiscal Year Funding: $50,959

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract and/or Control No.: 79-397-010-009-7

A basic curriculum guide will be developed for preservice and inservice training programs which prepare occupational or vocational educators to develop and administer individualized education programs for special needs students. Seven hundred occupational educators will be trained using the curriculum guide developed through this project.

AR 79 0334

Diagnostic Vocational Assessments for Special Needs Students.

Organization: Blackstone Valley Regional Vocational Technical School, Upton, Mass.

Address: Pleasant Street, Upton, MA

Descriptors: *Educational Diagnosis, *Educational Planning, *Exceptional Persons, *Handicapped Students, *Individualized Programs, *Student Needs

Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79

Fiscal Year Funding: $29,407

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract and/or Control No.: 79-805-605-013-7

A reliable procedure will be developed by Blackstone Valley Regional Vocational Technical School District in this applied research project to assist local school districts in evaluating the individualized educational plans of prevocational special needs students. School district personnel will be trained in the process and procedure by members of the research team. During fiscal year 1979 the team will perform research of assessment systems currently in place and plan the establishment of the Blackstone Valley system.

AR 79 0335

MIT/WITS–Industry Summer Internship Program.

Organization: Massachusetts Institute of Tech., Cambridge

Address: 77 Massachusetts Ave., Cambridge, MA

Descriptors: *Administrative Personnel, *Counselors, Experiential Learning, Industrial Training, Internship Programs, *Occupational Information, School Community Cooperation, Sciences, Secondary Education, *Skill Development, *Summer Programs, Technology, *Vocational Education Teachers

Funding Period: Start Date 30 Jan 79; End Date 30 Jan 80

Fiscal Year Funding: $17,740

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract and/or Control No.: 79-385-085-003-7

As a result of this program, thirty teachers of occupational subjects, guidance counselors, and administrators will increase their skills in providing occupational knowledge of science and technology to secondary school students. Teachers will have hands-on experience in the work fields of their choice in order to acquire knowledge from industrial sites in their respective areas of interest.

AR 79 0336

Pre-Vocational Assessment.

Organization: Shawsheen Valley Regional Vocational School, Billerica, Mass.

Address: 100 Cook Street, Billerica, MA

Descriptors: *Educational Diagnosis, *Educational Planning, *Exceptional Persons, *Handicapped Students, *Individualized Programs, *Student Needs

Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79

Fiscal Year Funding: $57,000

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Contract and/or Control No.: 79-871-605-014-7

A procedure will be developed by Shawsheen Valley Regional Vocational Technical School in this applied research project to assist local school districts in evaluating the individualized educational plans of prevocational special needs students. Twenty students will be assessed by the research team, and fifteen educators will be trained in the assessment process and procedures.

AR 79 0337

Research and Demonstration Project to Assist Local School Districts in Utilizing Needs Assessment Procedures for Occupational Education Program Planning.

Organization: Massachusetts Univ., Amherst. Inst. for Governmental Services

Address: Amherst, MA

Descriptors: *Administrator Guides, *Demonstration Projects, *Educational Planning, Evaluation Methods, Information Dissemination, Material Development, *Needs Assessment, *Program Planning, Research Projects, Secondary Education

Funding Period: Start Date 1 Nov 78; End Date 30 Sep 79

Fiscal Year Funding: $39,955

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

The planning capability for local educational agencies will be increased through this applied research project. A locally based data gathering and planning system for occupational and career education will be pilot tested in ten secondary schools in Massachusetts using state approved assessment instruments. All types of students and all secondary school systems will be served. One thousand handbooks will be developed and disseminated for use by secondary school administrators for self-implementation of the tested procedures.

AR 79 0338

State-Wide Assessment of the Knowledge, Readiness, and Attitudes of Vocational Instructors as They Relate to Handicapped Students.

Project Director: Allan, Richard G.

Organization: National Evaluation Systems, Inc., Amherst, Mass.

Address: 30 Gatehouse Road, Amherst, MA 01002

Descriptors: Data Collection, *Educational Resources, *Handicapped Students, *Inservice Teacher Education, Questionnaires, *Teacher Attitudes, *Vocational Education Teachers

Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79

Fiscal Year Funding: $36,010

Sponsoring Agency: Massachusetts State Dept. of Education, Boston

Project staff will prepare a classification of handicapping conditions useful to vocational educators, collect baseline data about attitudes and perceptions of vocational instructors toward handicapped students, and develop recommendations for inservice education for vocational teachers of handicapped students. A final report will be delivered.

Exemplary and Innovative (Sec. 132)

AR 79 0339

Vocational Education for Hearing Impaired Students.

Project Director: Luke, John M.

Organization: Chicopee Public Schools, Mass.

Address: 180 Broadway, Chicopee, MA 01020

Descriptors: *Aurally Handicapped, Cooperative Planning, Educational Diagnosis, *Handicapped Students, *Interinstitutional Cooperation, *Mainstreaming, Occupational Guidance, Student Placement

Funding Period: Start Date 1 May 79; End Date 30 Sep 80

Fiscal Year Funding: $165,455
Sponsoring Agency: Massachusetts State Dept. of Education, Boston
Contract and/or Control No.: 79-061-510-200-5

Forty hearing impaired students will be provided occupational education services through this cooperative effort of Chicopee, Ludlow, and East Longmeadow public schools. Students will be mainstreamed as much as possible, and a diagnostic assessment will be made of all students prior to program placement.

Curriculum Development (Sec. 133)

AR 79 0340

Curriculum Development.
Organization: Boston Public Schools, Mass.
Address: 26 Court Street, Boston, MA
Descriptors: Curriculum Development, *Disadvantaged Youth, *Handicapped Students, *Individualized Programs, *Non English Speaking, *Performance Based Education, Resource Centers, *Student Needs
Funding Period: Start Date 1 Feb 79; End Date 30 Sep 79
Fiscal Year Funding: $162,280
Sponsoring Agency: Massachusetts State Dept. of Education, Boston
Contract and/or Control No.: 79-035-695-017-7

Individualized, self-paced, competency-based curricula will be developed for use by students enrolled in programs offered by Boston's Occupational Resource Center. Particular emphasis will be placed on the needs of handicapped and disadvantaged students and students with limited English-speaking ability who are served by the center.

AR 79 0341

Inservice Program for the Development of Competency-Based Individual Carricula.
Organization: Greater Lowell Vocational-Technical School District, Tyngsborough, Mass.
Address: Pawtucket Boulevard, Tyngsborough, MA
Descriptors: Curriculum Development, Energy Conservation, Equipment Maintenance, Horticulture, *Individualized Programs, Information Dissemination, *Inservice Programs, *Job Skills, Landscaping, *Performance Based Education, Plant Science, Secondary Education
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Feb 79; End Date 30 Sep 79
Fiscal Year Funding: $113,895
Sponsoring Agency: Massachusetts State Dept. of Education, Boston
Contract and/or Control No.: 78-828-605-016-7

Competency-based programs tailored to individual needs will be provided to enable students to achieve their career goals and job competencies for placement in related and emerging occupations. Curricula in energy conservation, heavy equipment (diesel) repair, plant maintenance, and horticulture and landscaping will be individualized and will be available for dissemination to all schools in Massachusetts.

AR 79 0342

Project STEP (Secondary Technical Education Project).
Project Director: Cronin, David F.
Organization: Massachusetts Inst. of Tech., Cambridge
Address: Cambridge, MA 02139
Descriptors: Aviation Technology, Computer Science, *Educational Programs, Electronics, Environmental Education, *Guidelines, Medical Technologists, Sciences, Secondary Education, *Technical Education, Technology
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 79
Fiscal Year Funding: $9,851
Sponsoring Agency: Massachusetts State Dept. of Education, Boston
Contract and/or Control No.: 79-385-105-220-1

A set of guidelines based upon the curriculum in science and technology in vocational education will be prepared for use by vocational education teachers in the school. The guidelines will cover five areas of study: aviation, computers, electronics, environmental protection, and medical technology.

MICHIGAN

Research (Sec. 131)

AR 79 0343

Enrollment and Follow-Up System.
Descriptors: *Community Colleges, Data Analysis, *Data Collection, Dropouts, *Enrollment, Expenditures, *Followup Studies, Postsecondary Education, *Statistical Data, Student Participation, Systems Development
Identifiers: *Vocational Education Data System
Funding Period: Start Date 1 Jan 79; End Date 30 Sep 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing
Contract and/or Control No.: 33D9-7444

A system meeting vocational education data system (VEDS) requirements will be designed and implemented so that the community colleges will have a student-based data collection system which provides student enrollment and follow-up information. All students participating in identifiable, federally reimbursed community college occupational programs will be reported under the VEDS format to provide the information necessary for state and federal reporting purposes and for evaluation needs.

AR 79 0344

Michigan Community College Occupational Education Evaluation Program–Phase II.
Organization: Washtenaw Community Coll., Ann Arbor, Mich.
Address: Ann Arbor, MI
Descriptors: *Community Colleges, *Cost Effectiveness, *Curriculum Evaluation, Postsecondary Education, *Program Administration, *Program Evaluation
Funding Period: Start Date 1 Jan 79; End Date 31 Jul 79
Fiscal Year Funding: $32,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing
Contract and/or Control No.: 33F9-7453

Forms and procedures will be developed for use in evaluating community college occupational education programs in the areas of student flow, program review, financial analyses, and management plans. The evaluation system will be designed to be locally directed, meet federal evaluation requirements, and offer students high quality programs that are realistic in terms of employment opportunities.

AR 79 0345

Secondary Graduate Follow-Up Survey.
Project Director: Roberts, Charles
Organization: Michigan State Dept. of Education, Lansing
Address: Lansing, MI 48909
Descriptors: *Career Planning, Data Analysis, Educational Trends, *Employment Trends, Evaluation Methods, *Followup Studies, *Graduate Surveys, *Job Placement, *Program Planning, Secondary Education, Vocational Adjustment
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $42,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing
Contract and/or Control No.: 31D8-2122C

To improve program planning, strengthen placement services, and improve career planning for students, project staff will evaluate vocational education graduates' responses to a survey to determine what factors influence graduate employability and adjustment to the world of work, assess the utilization of school job placement activities, and determine trends in employment and education. Processed data will be returned to vocational educators for decision making; follow-up reports will be developed at state, regional, and local school district levels.

Exemplary and Innovative (Sec. 132)

AR 79 0346

Michigan Occupational Competency Assessment Center.
Project Director: Whitener, Scott
Organization: Ferris State Coll., Big Rapids, Mich.
Address: Big Rapids, MI 49307
Descriptors: *College Credits, *Evaluation, Examiners, Job Skills, *Minimum Competency Testing, *Teacher Certification, *Testing Programs, *Vocational Education Teachers
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $55,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing

The number of fully certified vocational teachers in Michigan is expected to increase as a result of this project in which 100 occupational competency assessments will be conducted. Examiners and examination sites throughout the state will be selected and certified, norms will be established for twenty-six occupations as data become available, and Michigan universities will be provided with test results for determining academic credit. Competency tests already available will be used. In addition to providing testing services, the center will serve as a link between education and industry.

Curriculum Development (Sec. 133)

AR 79 0347

Continuous Occupational Education Program Planning between Two- and Four-Year Colleges and Universities (Continuation).
Project Director: Holmes, Richard G.
Organization: Michigan State Dept. of Education, Lansing
Address: Lansing, MI 48909
Descriptors: *Articulation (Program), *Community Colleges, Delivery Systems, *Interagency Cooperation, *Interinstitutional Cooperation, Postsecondary Education, *Program Planning, *Student Placement, Systems Development, Universities
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $70,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing

Signed articulation agreements between community colleges and four-year institutions are expected to assure non-duplication of learning experiences for occupational education students and increase student mobility in pursuing advanced training and placement potential. The agreements will pledge cooperation between agencies and include provisions for institutional commitment and assessment of traditional learning experiences and life-role competencies. Inter-agency contact persons will be identified and inter-agency articulation committees established. "Partnership in Education," a document including baccalaureate institution case studies, will be published.

AR 79 0348

Program Planning, Development, Approval, and Evaluation.
Organization: Higher Education Management Services, Occupational Unit, Lansing, Mich.
Address: Lansing, MI 48909
Descriptors: Community Colleges, Curriculum Development, Educational Quality, Employment Trends, *Manpower Needs, *Performance Based Education, Postsecondary Education, *Program Development, *Program Evaluation, *Program Planning
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $185,000
Sponsoring Agency: Michigan State Dept. of Education, Lansing

To promote and develop quality vocational and technical programs in Michigan's community colleges, thirty-eight needs studies will be funded for thirteen community colleges. Community colleges will identify new and emerging occupations; their potential for development into programs using competency-based education will be discussed at regional meetings. Thirty-seven new occupational education programs may be developed according to competencies related to the needs and wants of business, industry, and labor. This program planning and development process will provide local administrators and educational planners with an opportunity to determine proposed program success prior to implementation.

MINNESOTA

Research (Sec. 131)

AR 79 0349

Conduct a Series of Tasks Germane to a Monitoring and Feedback System for the Secondary Placement Specialist Program.
Project Director: McCormick, Fred C.
Organization: Educational Operations Concepts. Inc., St. Paul, Minn.
Address: 1400 Brompton, St. Paul, MN 55108
Descriptors: Documentation, *Feedback, Job Applicants, Job Development, *Job Placement, Program Design, Program Evaluation, Research Needs, Secondary Education, *Specialists, *Systems Development, *Technical Assistance
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 42555

As a result of this project, the secondary placement specialist program will be provided with data elements or definitions germane to outcome measures and the monitoring/feedback system. Monitoring/feedback instrumentation, field test results, and documentation of all technical assistance tasks, including the identification of future programmatic research needs and issues, will also be provided. Educational Operations Concepts, Inc. will provide technical assistance in designing monitoring/feedback instrumentation for the job development, employer contact, job-seeking skills, and job placement functions of the secondary placement specialist. The instrumentation will be field tested with secondary placement specialists, and the results will be documented.

AR 79 0350

Conduct a Series of Tasks Germane to Health Occupations Education in Minnesota.
Project Director: McCormick, Fred
Organization: Educational Operations Concepts, Inc., St. Paul, Minn.
Address: 1400 Bromton, St. Paul, MN 55108
Descriptors: *Cost Effectiveness, Educational Research, *Expenditure Per Student, *Health Occupations Education, Needs Assessment, *Program Costs, *Research Needs, State Standards, *Student Teacher Ratio, Time Factors (Learning)
Funding Period: Start Date 15 Aug 78; End Date 31 Dec 78
Fiscal Year Funding: $2,000 (Charged to FY 1978)
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 38019

Determining the viability of a fixed student-to-teacher ratio in health occupations education as specified by state rules and regulations, and identifying future programing needs and issues are the goals of this project. Objectives include (1) establishing assumptions for the existence of health occupations education; (2) determining the parameters of the costs of health occupations education programs as reported on budget requests to the state; (3) identifying evidence to suggest the validity of a set student-to-teacher ratio; (4) identifying future programmatic research needs and issues; and (5) identifying methods of calculating and determining general program costs, student-to-teacher ratio, and FTE. Project procedures include providing technical assistance to a study committee; designing, administering, and analyzing two opinionnaires; conducting a student-to-teacher time utilization survey; analyzing proposed and actual cost-per-student data; and interviewing health occupations instructors, instructional administrators, TVI directors, and vocational-technical division assistant commissioners and directors.

AR 79 0351

Division of Vocational-Technical Education Organization Study.
Organization: Michels and Associates, Inc., Wayzata, Minn.
Address: 16400 Holdridge Road, Wayzata, MN 55391
Descriptors: Administrative Personnel, *Field Studies, *Human Resources, *Management Development, *Management Systems, *Organizational Effectiveness
Funding Period: Start Date 11 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $14,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 38406

This two-phased organizational study will assist the management staff of the Division of Vocational-Technical Education in improving individual and organizational effectiveness. Phase I will assess the current managerial environment, identify major areas for improvement, and develop a plan for improved organization structure. Phase II (implementation) will take effect upon approval of Phase I by the managerial staff. If the existing organization and management system is deemed satisfactory, Phase II will not be implemented. A report of the current managerial environment and major areas in need of improvement will be generated during Phase I. A plan will be developed and implemented to remedy any areas of need.

AR 79 0352

Establishment of an Occupational Competency Testing Program in Minnesota (Continuation).
Project Director: De Rubeis, Bernard J.
Organization: Minnesota Univ., Duluth. Dept. of Industrial and Technical Studies.
Address: Duluth, MN 55802
Descriptors: Credits, Guidelines, Interagency Cooperation, *Job Skills, *Minimum Competency Testing, Program Development, Program Evaluation, Skill Development, *Systems Development, *Teacher Certification, Testing, *Testing Programs, *Vocational Education Teachers, Work Experience
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $4,998
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 5-R-79

As a result of this continuing project, a system will be developed, implemented, and available in Minnesota which will enable persons in occupational areas to demonstrate the knowledge and skills they have acquired on the job. The Occupational Competency Testing Program, for administering written and performance occupational competency tests to potential trade and industrial teachers, is designed to serve those individuals experienced in skilled trades or occupations who need to present objective evidence of their competency to become vocational teachers, to obtain academic credit from an institution that recognizes the test results, or to become certified. The system will be field tested and the program evaluated.

AR 79 0353

Evaluation of a Classroom Instructional Unit on Supervised Occupational Experience for Beginning Vocational Agricultural Students in Minnesota.
Project Director: Ingualson, Brian
Organization: Fridley Independent School District 14, Minn.
Address: 6000 W. Moore Lake Drive, Fridley, MN
Descriptors: *Educational Assessment, Information Dissemination, Instructional Innovation, Needs Assessment, Planning, *Program Effectiveness, *Teaching Methods, *Units of Study, *Vocational Agriculture, Vocational Agriculture Teachers, *Work Experience Programs
Funding Period: Start Date 1 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $1,860
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 6-R-79

Empirical evidence of the need for and methodology of instruction in supervised occupational experience for agriculture students will be provided by this research. The amount and type of supervised occupational experience currently being provided will be assessed, an instructional unit on supervised occupational experience for agriculture students will be evaluated, and the most effective methods of integration of the program into vocational agriculture curricula will be determined. A pretest and posttest experimental and control group design will be used for the study in which the unit will be taught to beginning vocational agriculture students. Seventeen schools will use a prepared instructional unit; seventeen will use their existing methods of instruction. Data will be collected and analyzed; the unit will be evaluated and revised by teachers. The revised unit and an abstract of the study results will be available for use by vocational agriculture instructors in Minnesota.

AR 79 0354

Feasibility Test of Postsecondary Distributive Education Program Evaluation Standards and Criteria.
Project Director: Guemple-Reardon, Grace
Organization: Moorhead State Coll., Minn.
Address: Bridges Hall, Moorhead, MN 56560
Descriptors: Data Analysis, *Distributive Education, *Evaluation Criteria, *Feasibility Studies, *Postsecondary Education, *Program Evaluation, *Standards
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $1,436
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul.
Contract and/or Control No.: 3-R-79

The major objectives of this research are to determine (1) if the program evaluation instrument as designed is technically, economically, and operationally feasible for evaluating postsecondary distributive education programs in Minnesota and (2) how useful the information obtained from the evaluation is to decision makers for identifying program strengths and recommending improvements to meet the quantitative terms for program evaluation as stated in the 1976 Vocational Education Amendments. Procedures will include randomly selecting five postseondary distributive education programs and asking five staff members and five advisory committee members, randomly selected from each program, to use the evaluation instrument to conduct an onsite evaluation of their specific program. The project investigator will be at the school to supervise and provide direction for each evaluation. The data received from the five onsite program evaluations will be used to determine the feasibility of replacing the current vocational program evaluation instrument with standards and criteria designed specifically to evaluate postsecondary distributive education programs. Additionally, a random sample of ten AVTI directors will be asked to respond to several questions pertaining to the economic and operational feasibility of the evaluation system. A final report will be submitted with data analysis on the feasibility of evaluation instrument.

AR 79 0355

Minnesota Research and Development Center (Continuation).
Project Director: Smith, Brandon B.
Organization: Minnesota Univ., St. Paul. Research and Development Center for Vocational Education
Address: 145 Peik Hall, Minneapolis, MN 55455
Descriptors: Ancillary Services, *Career Education, Educational Innovation, *Educational Research, *Information Dissemination, *Instructional Materials, Program Development, *Research and Development Centers, Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $143,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul. Div. of Vocational Education
Contract and/or Control No.: 1-R-79

Project objectives are to (1) stimulate and facilitate innovative research and research-related efforts; (2) increase the number and improve the competencies of producers and consumers of career and/or vocational education research and research-related materials; (3) disseminate research and research-related information to assist research and development efforts and to facilitate the implementation of worthy educational innovations; (4) create knowledge and transportable products or processes that have potential for long range and general qualitative improvements in vocational and/or career education programs; and (5) manage and create liaison with funding agencies. The MDRC will conduct a program of continuing research and development efforts in Minnesota based on an annual work plan prepared in consultation with several groups and agencies. It contains the programs and projects that the various groups consulted agreed are of highest priority to the state. The work plan is organized by continuing functions, the programs designed to carry out each function, and the specific projects to be conducted as part of each program of research.

AR 79 0356

Minnesota Secondary School Follow-Up Project (Continuation).
Project Director: Irvin, Donald E.
Organization: Minnesota Univ., Minneapolis. Minnesota Research and Development Center for Vocational Education
Address: Minneapolis, MN
Descriptors: Data Analysis, Data Collection, *Followup Studies, *Graduate Surveys, *Program Evaluation, Secondary Education, Student Evaluation, *Student Recruitment, Workshops
Funding Period: Start Date 15 Sep 78; End Date 14 Sep 79
Fiscal Year Funding: $66,014
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul

Follow-up data about the post-high school activities of vocational students will be obtained for use by local education agencies (LEAs) and the state department, and for use in completing state and federal reports. Project staff will contact all Minnesota high schools to recruit participants, conduct training workshops, supply all materials required for follow-up, manage all follow-up activities, and analyze school and state data. Follow-up data summaries will be delivered to each LEA, and state summary reports for all schools will be compiled.

AR 79 0357

Policy Studies in Vocational Education.
Project Director: Swanson, Gordon
Organization: Minnesota Univ., Twin Cities, St. Paul
Address: 116 Classroom Office Building, St. Paul, MN 55108
Descriptors: Cooperation, Educational Alternatives, *Educational Legislation, *Educational Planning, *Educational Policy, *Federal Legislation, *Federal State Relationship, *Policy Formation, State Federal Aid
Funding Period: Start Date 1 May 79; End Date 15 Jan 80
Fiscal Year Funding: $13,052
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 7-R-79

Research for this project is expected to lead to development of a rationale for linking the present and potential programs of vocational education with explicit or implicit national goals, problems and concerns. Project staff will develop a concise restatement of the reason for a federal role in vocational education and provide support data for the rationale leading to a cooperative relationship between federal and subsidiary roles in vocational education. Major issues surrounding the basis for a federal role and federal-state cooperation will be identified and alternative courses of action appropriate to the issues developed. Short- and long-range consequences implementing different policy alternatives also will be identified, after which a set of recommendations for federal support derived from considering issues, alternatives and consequences will be developed. An eight-member study team will meet two to four times in April and September. Between meetings, individual members will develop background information appropriate for their particular studies in order to prepare a succinct policy statement that Congress can use in formulating vocational education legislation.

AR 79 0358

Study of the Postsecondary Levy.
Project Director: Liabraaten, James
Organization: Minnesota State Dept. of Education, St. Paul
Address: 916 AVTI, 3300 Century Avenue North, White Bear Lake, MN 55110
Descriptors: *Administrator Attitudes, *Area Vocational Schools, *Boards of Education, Postsecondary Education, Questionnaires, School Superintendents, *School Taxes, State Boards of Education, Surveys, *Vocational Directors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000 (Charged to FY 1978)
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 2-R-79

A questionnaire will be distributed to all legislators, AVTI directors and superintendents, state board members, and local AVTI district board members to determine their attitudes toward a local AVTI levy and the governance of AVTI's as affected by a levy modification. The results of this survey will serve as the basis for a discussion of the topic.

Exemplary and Innovative (Sec. 132)

AR 79 0359

Programmed Logic for Automatic Teaching Operations (PLATO)–Phase III.
Project Director: Enz, Pat
Organization: Red Wing Area Vocational Technical Inst., Minn.
Address: Red Wing, MN 55066
Descriptors: *Computer Assisted Instruction, *Concept Teaching, Curriculum Development, *Diagnostic Teaching, Educational Needs, Individualized Curriculum, *Individualized Instruction, Learning Activities, *Performance Based Education, Problem Solving, Programed Materials, Secondary Education
Identifiers: Programed Logic for Automated Teaching Operations
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $24,864
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 1-E-79

The objectives of Phase III of this project are to (1) provide students with a variety of skills to comprehend concepts, (2) provide complex interaction opportunities through the dialogue mode of PLATO, (3) provide new experiences in a variety of subjects related to the student program, and (4) individually assist students in developing skills necessary to obtain success in their program area. The students' educational needs will be diagnosed and appropriate learning activities prescribed. Records of student achievement will be re-

tained for use in evaluating each student's progress as well as the effectiveness of the material. Along with the computer-assisted instruction, an individual program may also require reading assigned books, viewing films or filmstrips, or applying other types of learning activities such as lab application in automechanics or truck driving.

Curriculum Development (Sec. 133)

AR 79 0360

Adult Consumer Energy Curriculum Development (Continuation).
Project Director: Weiser, William
Organization: Rochester Public Schools, Minn.
Address: 1926 S.E. 2nd Street, Rochester, MN 55901
Descriptors: *Adult Education, *Computers, *Consumer Education, Curriculum Development, *Energy Conservation, *Heating, Information Dissemination, Inservice Teacher Education, *Learning Modules, Metropolitan Areas, Rural Areas
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $44,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 1-C.D.-79

To improve the sensitivity among the general public toward energy conservation, to allow all AVTIs to offer adult consumer education courses, and to increase the visibility of energy concerns among vocational staff, this project will do the following: (1) develop adult consumer energy education curriculum modules to cover subject areas identified by project staff and the advisory committee, (2) assess and further develop the computer heat loss program, (3) provide inservice programs on the modules developed for adult vocational instructors, (4) continue quarterly publication of an energy alert newsletter, (5) evaluate and modify the ten modules developed under the first year's grant, and (6) provide for the reproduction and distribution of additional copies of materials developed during the first year. A survey of adult directors will be conducted to determine energy education needs, the curriculum will be pilot tested with adult classes in metropolitan and rural settings, and the results of local offerings in Minnesota will be monitored.

AR 79 0361

Adult Vocational Energy Curriculum.
Project Director: Kobe, John
Organization: Minneapolis Joint Independent School District 287, Minn.
Address: 1820 Xenium Lane, Minneapolis, MN 55441
Descriptors: *Adult Education, Curriculum Development, *Energy, *Facility Requirements, Instructional Materials, *Learning Modules, Models, Short Courses
Identifiers: Building Maintenance Personnel, Energy Consumption, *Energy Requirements
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $27,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 2-C.D.-79

Better technical information, improved sensitivity among school personnel toward energy conservation, and the ability of school personnel to train local public building personnel in conducting the first phase of energy audits of schools, hospitals, and public buildings which have energy grant programs will result from this project. Existing adult energy education course curriculum will be revised, put into modular format, and pilot tested; a modular curriculum model will be developed; and a mini-course to train building maintenance personnel will be developed. Inservice workshops will be conducted and the model's impact on enrollment will be determined.

AR 79 0362

Agricultural Energy Curriculum.
Project Director: Wacholz, Marlin
Organization: Granite Falls Area Vocational Technical Inst., Minn.
Address: Granite Falls, MN
Descriptors: *Adult Education, Adult Educators, *Agricultural Production, Agricultural Supplies, Curriculum Development, *Energy, Energy Conservation, *Farm Management, Fertilizers, *Instructional Materials, Summer Workshops, *Units of Study
Funding Period: Start Date 19 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 3-CD-79

An energy instructional unit will be produced to be included in the first year curriculum of the farm business management program, which will give farm management students an understanding of basic energy concepts and help them realize the energy impacts of their management decisions. A consultant will be hired to develop the energy instructional unit which will define basic energy concepts, describe the amount of energy used in manufacturing fertilizer, and identify the energy impacts of fertilizer usage including yields, energy equivalents consumed, and changes in crop production management. The unit will be distributed and explained to 130 farm business adult instructors at a summer workshop.

AR 79 0363

Curriculum Proposal for Consumer Education Materials.
Organization: Minneapolis Area Vocational Technical Inst., Minn.
Address: 1101 Third Avenue South, Minneapolis, MN 55404
Descriptors: *Adult Education Programs, Bibliographies, *Consumer Education, *Curriculum Design, *Resource Materials, *Teaching Guides
Funding Period: Start Date 1 Jun 79; End Date 31 Dec 79
Fiscal Year Funding: $2,427
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 8-C.D.-79

An adult consumer education curriculum will be designed, implemented and evaluated. A teaching/discussion guide will be developed to cover at least ten topics including money management, consumer rights, impact of advertising on the consumer, credit information, and comparative shopping techniques. A bibliography of current literature, films, and other resource materials also will be provided.

AR 79 0364

Grand Portage Career Education Center.
Project Director: Palmer, Rodger
Organization: Duluth Area Vocational Technical Independent School District 709, Minn.
Address: Lake Avenue and 2nd Street, Duluth, MN 55802
Descriptors: *American Indians, Career Education, *Educational Programs, Feasibility Studies, *Hotels, Management Education, *Program Development, *Rural Areas, Skill Development
Identifiers: *Hospitality Occupations
Funding Period: Start Date 15 Sep 78; End Date 14 Sep 79
Fiscal Year Funding: $16,500
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 5-PF-79

To demonstrate the feasibility of and the process for operating a hospitality training program in an Indian-owned hotel in a remote location, a thirteen-week training program will be established for live-in students recruited from industry, schools, and the general public. Brochures and publications about the program and job opportunities in the hospitality industry will be developed. Project staff will work closely with the Indian community to ensure them maximum opportunity to participate in the project. Interim and final reports will include descriptions of procedures to upgrade adults' skills in a specific industry, a model for replication, and the impact of the project on the Indian community.

AR 79 0365

Low and High Pressure Steam Engineering Curriculum.
Project Director: Lennes, Richard
Organization: Hutchinson Area Vocational Technical Inst., Minn.
Address: Hutchinson, MN 55350
Descriptors: Curriculum Development, *Energy Conservation, *Engineering Education, Inservice Programs, Inservice Teacher Education, Occupational Information, *Relevance (Education), Slides, Transparencies
Identifiers: *Steam Engineering
Funding Period: Start Date 11 May 79; End Date 30 Sep 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 6-C.D.-79

One or more licensed instructors will be hired to rewrite the steam engineering curriculum. Their activities will involve incorporating current information into the existing curriculum, replacing all outdated slides and transparencies with current materials, incorporating the latest in energy conservation, and providing six regional inservice workshops of three hours each for instructors in thirty-three area vocational-technical institutions on the use of the new curriculum.

AR 79 0366

Provision of Occupational and Student Program Consultant Services for Chemical Dependency in Minnesota Area Vocational Technical Institutes.
Project Director: Wiklund, Clifford
Address: Lake Avenue & 2nd Street, Duluth, MN 55802
Descriptors: *Alcoholism, *Area Vocational Schools, *Drug Addiction, *Educational Programs, Outreach Programs, Perception, *Program Development, *School Community Relationship, School Policy

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $29,000
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 4-P.F.-79

Area vocational and technical institutes (AVTIs) will hire consultants to install in-house educational programs to increase instructor, student, employer, and employee awareness of chemical dependency as a treatable illness. Assistance will be provided for establishing school policy and procedures regarding student and employee chemical dependency, in establishing appropriate inservice programs for staff and employees of AVTIs, and in identifying and working with qualified service personnel to establish proper treatment capacities in local service areas of AVTIs.

AR 79 0367

Registered Nurse Refresher Course and Dental Assistant Course.
Project Director: Zellers, Eudora
Organization: Minneapolis Area Vocational Technical Inst., Minn.
Address: 1101 Third Avenue South, Minneapolis, MN 55404
Descriptors: *Certification, *Dental Assistants, *Nurses, *Professional Continuing Education, *Refresher Courses
Funding Period: Start Date 4 Apr 79; End Date 30 Nov 79
Fiscal Year Funding: $1,700
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: R-C.D.-79

A five-week registered nurse refresher course and a continuing education program will be developed for employed dental assistants who wish to prepare for the certification and registration examinations.

AR 79 0368

Revise Electrical Code Curriculum.
Project Director: Broecker, Wayne
Organization: Albert Lea Public School District 241, Minn.
Address: 2200 Tech Drive, Albert Lea, MN 56007
Descriptors: *Apprenticeships, Curriculum Development, *Electronic Technicians, *Home Study, Inservice Teacher Education, Postsecondary Education, Skilled Labor, Vocational Schools
Funding Period: Start Date 1 Jun 79; End Date 31 Dec 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Minnesota State Dept. of Education, St. Paul
Contract and/or Control No.: 7-C.D.-79

An instructor will attend the International Association of Electrical Inspectors conference to gather information so that existing electrical curriculum can be updated to incorporate changes in the National Electrical Code. The new curriculum will be written in a form suitable for apprentices and to facilitate home study. The materials will be duplicated and disseminated to all Minnesota area vocational technical institutions (AVTIs) to update and upgrade instruction for apprentices and journeymen. Inservice training will be provided for AVTI staff if necessary.

MISSISSIPPI

Research (Sec. 131)

AR 79 0369

Research Coordinating Unit.
Project Director: Shill, James F.
Organization: Research and Curriculum Unit, Mississippi State, Miss.
Address: Drawer DX, Mississippi State, MS 39762
Descriptors: Attitudes, Curriculum Development, Educational Finance, Educational Innovation, *Information Retrieval, *Needs Assessment, *Research Coordinating Units, *Research Projects, *Research Proposals, *Teacher Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $112,318
Sponsoring Agency: Mississippi State Dept. of Education, Jackson

Research efforts of the research coordinating unit (RCU) will result in program improvement. In addition to an annual report, the RCU will produce the National Assessment of Vocational-Teacher Education Funding Structures and complete the Vocational Education Readiness Test. The RCU will employ four full-time persons to provide assistance to vocational personnel in the state in developing research proposals, conducting research studies concerning teacher education, local vocational programs, and attitudes; and developing a system for funding teacher education in Mississippi. The RCU will also (1) develop and disseminate request for proposal (RFP) guidelines pertaining to research projects and contractual agreements; (2) conduct computer searches for information concerning innovative approaches in vocational education; (3) conduct needs assessment studies in vocational areas; (4) review research proposals and make recommendations prior to funding; (5) write and submit research proposals to the U.S. Office of Education; and (6) conduct research for which funding is received.

AR 79 0370

Vocational-Technical Education Consortium of States (V-TECS).
Organization: Research and Curriculum Unit, Mississippi State, Miss.
Address: Drawer DX, Mississippi State, MS 39762
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, Consortia, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $24,600
Sponsoring Agency: Mississippi State Dept. of Education, Jackson

This project will produce an inventory of tasks, equipment, and tools for selected jobs; a state-of-the-art and domain report; and a catalog of performance objectives, criterion-referenced measures, and performance guides. Workers will be interviewed to develop a preliminary list of tasks, equipment, and tools; a sample of workers in selected jobs will be surveyed to validate the inventory; and survey data will be analyzed to determine the content of the catalog. Teams will be selected and trained to write the catalog. The catalog will be field reviewed with curriculum and instructional personnel and published and distributed.

Curriculum Development (Sec. 133)

AR 79 0371

Research and Curriculum Unit for Vocational-Technical Education.
Project Director: Shill, James F.
Organization: Research and Curriculum Unit, Mississippi State, Miss.
Address: Drawer DX, Mississippi State, MS 39762
Descriptors: *Agricultural Education, *Business Education, Curriculum Development, Curriculum Guides, Distributive Education, Exceptional Persons, Guidance, *Home Economics, Industrial Arts, *Information Dissemination, *Instructional Materials, Material Development, Media Selection, Special Programs, Teacher Workshops, *Trade and Industrial Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $335,662
Sponsoring Agency: Mississippi State Dept. of Education, Jackson

Consultative services, curriculum guides for organizing and managing instruction, teacher workshops, and classes in the use of curriculum materials will be provided by this project. Curriculum materials to be developed include a home economics annotated bibliography; handbooks for industrial arts, safety liability, and cooperative education; and materials for industrial sewing, child care, basic agriculture, residential wiring, and marketing. Four full-time professional staff members will be employed to compile or develop curriculum materials for programs in agriculture, home economics, trade and industrial education, and industrial arts. Other personnel will be contracted with as necessary to develop materials for business and office programs, distributive education, guidance programs, and programs for students with special needs. Two- to three-day workshops will be held to disseminate materials throughout the state.

MONTANA

Research (Sec. 131)

AR 79 0372

Feasibility Study to Determine Needs of Montana Relative to the Preparation of Local Administrators of Vocational Education.
Project Director: Hertz, Daniel
Organization: Montana State Univ., Bozeman
Address: Bozeman, MT 59717
Descriptors: *Administrative Personnel, *Administrator Background, *Administrator Education, *Administrator Qualificatcns, Certification, *Feasibility Studies, *Needs Assessment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,600
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5702-05-25-22-0001

A feasibility study will be conducted by a graduate student or faculty member of Montana State University, Northern Montana College, or the University of Montana to determine the actual use of and need for local administrators of vocational education in Montana. As a result of the study, certification requirements for the position will be proposed along with the creation of an externship program for preparing local administrators of vocational education in the state if the need for such a program is identified.

AR 79 0373

Identification and Development of Apparatus to Assist the Physically Handicapped in Obtaining Access to Laboratory Shops.
Project Director: Bruwelheide, Kenneth
Organization: Montana State Univ., Bozeman. Dept. of Agriculture and Industrial Arts Education
Address: Bozeman, MT 59717
Descriptors: *Access to Education, *Handicapped Students, *Industrial Arts, *Instructional Aids, *Mainstreaming, *Physically Handicapped, School Shops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,865
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5703-05-22-17-0032

Apparatus will be identified and developed to assist physically handicapped students' access to secondary instructional laboratory shops. Shop skills, tools and equipment commonly found in secondary school laboratories and currently specified in the state curriculum will be identified. Special needs educators and specialists in the area of physical handicaps will offer information concerning needs of the handicapped, and assess the mobility, strength and dexterity limits of selected handicapped individuals to match skills with equipment and handicap limits. Apparatus will then be designed, developed and tested to allow students to use the identified tools and equipment properly, safely and independently. As a result of actual laboratory use with a selected handicapped population and analysis of test data, the apparatus will be refined. Plans and sample test apparatus, as well as information on the construction and use of materials will be prepared, reproduced and disseminated to all industrial education teachers in the state to assist in mainstreaming physically handicapped students into their programs.

AR 79 0374

Investigation of Toxic Metal Compounds Present in Instructional Laboratories.
Project Director: Bruwelheide, Kenneth
Organization: Montana State Univ., Bozeman. Dept. of Agriculture and Industrial Arts Education
Address: Bozeman, MT 59717
Descriptors: Guidelines, Industrial Arts, *Investigations, *Laboratory Safety, *School Shops, Vocational Agriculture
Identifiers: Environmental Toxicology, *Toxic Substances
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,400
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5703-05-25-22-0002

An investigation of toxic metal compounds present in instructional metal work laboratories will be conducted to reduce potential health hazards. Qualitative information, including a review of the literature regarding possible toxic substances, will be collected. Junior and senior high school industrial arts teachers, secondary vocational agriculture teachers, and teachers of post-secondary and technical metal programs will be surveyed to determine those compounds used in welding, heat treating, foundry, and sheetmetal work; the amount and time used; and the safety precautions taken. After the results of the survey information is compiled, categorized and analyzed by experts in the field of environmental toxicology, guidelines will be developed for the use of toxic compounds in laboratories. Information related to the research will be published in professional journals.

Exemplary and Innovative (Sec. 132)

AR 79 0375

Community Resource Trainer.
Project Director: Clark, Walter J.
Organization: Thompson Falls High School, Mont.
Address: Thompson Falls, MT 59873
Descriptors: *Community Resources, *Cooperative Programs, Employment Trends, Followup Studies, Program Development, Program Effectiveness, School Community Cooperation, *Student Placement, *Task Analysis, *Trainers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,521
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-4504-05-22-16-0002

A certified cooperative vocational coordinator will implement the community resource trainer project, selecting community trainers for their ability to provide quality instruction. An advisory committee will determine the suitability of training stations and criteria for selecting students. To assess the knowledge, skills and competencies needed to develop an entry level skill, a task analysis in the occupation for which the student is being trained will be performed. Students will be placed with community trainers on the basis of their interest, aptitude and ability. The program will be continuously evaluated by independent evaluators selected by the Office of Public Instruction and the state employment service will be consulted to determine local and regional employment trends. To determine the effectiveness of the program and vocational outcomes, one- and three-year follow-up studies of graduates will be conducted. A slide/tape of the program will be developed and made available to all school districts in the state.

AR 79 0376

Community Resource Training.
Project Director: Higgins, Ronald R.
Organization: Troy High School, Mont.
Address: Troy, MT 59935
Descriptors: Academic Aptitude, Career Exploration, *Community Resources, *Cooperative Programs, Employment Opportunities, *Experiential Learning, *On the Job Training, *School Community Cooperation, Student Ability, Student Interests, *Student Placement, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,473
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-2702-05-22-16-0001

After identifying the abilities, interests and aptitude of students in job related areas, students will be placed in an on-the-job situation of their choice in a business or crafts area to be supervised and trained. Using tools and materials of the trade, students will learn social skills, workmanship, safety, promptness, respect and cooperation. Community members will be directly involved in the education process to enhance cooperation between public schools and the private business sector and existing community facilities will be used to reduce the need for purchasing specialized tools and equipment. An average of fifteen students will be placed annually and future area employment needs will be

identified.

AR 79 0377

Project Prime.
Project Director: Johnson, Judy
Organization: Easter Seal Society, Helena, Mont.
Address: Helena, MT 59601
Descriptors: Disadvantaged Youth, *Employment Opportunities, Handicapped Students, Job Analysis, *Rural Schools, Senior High Schools, *Student Evaluation, *Student Placement, *Vocational Counseling, *Work Experience
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $61,652
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-6201-05-22-99-0031

Project Prime, coordinated by the Montana Easter Seal Society, will be developed to facilitate vocational counseling and evaluation in rural high schools and to provide work experience, job assessment, and awareness of job opportunities in the state. The screening process to be used in rural schools and Helena public schools will include rules and regulations for special education. Student assessment will include results of individual achievement tests, psychological and physical examination, and evaluation of work aptitudes and attitudes. Evaluations will be conducted by the Evaluation and Career Development Center of Helena Industries. Efforts for student guidance and job placement will be coordinated with currently available jobs. An advisory board will serve the project and a variety of service agencies will assist in screening, referral, placement and follow-up. A complete vocational assessment and aptitude packet to be made available to guidance counselors will include information on vocational training or job placement for rural handicapped and disadvantaged students.

AR 79 0378

Recording and Disseminating Teacher Developed Shop Procedures and Practices.
Project Director: Polette, Doug
Organization: Montana State Univ., Bozeman. Dept. of Agriculture and Industrial Arts Education
Address: Bozeman, MT 59717
Descriptors: Educational Facilities, *Educational Innovation, Industrial Education, *Information Dissemination, *Management Systems, *School Organization, *School Shops, *Slides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5703-05-22-22-0003

A slide/tape presentation will be organized to record and disseminate outstanding and innovative shop organization methods and management practices developed by industrial education teachers in the state. Instructors will be selected with the help of a consultant for industrial education who also will be available for assistance in curriculum development, shop organization and management. The presentation will allow industrial teachers to examine and compare a number of shop facilities and find solutions to common shop problems; future industrial education teachers will have the opportunity to view specific shop organization and management systems.

AR 79 0379

Reprographics for Special Needs Students.
Project Director: Patton, William
Organization: Montana Univ., Missoula. Dept. of Business Education
Address: Missoula, MT 59812
Descriptors: *Curriculum Development, *Exceptional Persons, *Inservice Teacher Education, *Learning Modules, *Program Development, *Reprography
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 80
Fiscal Year Funding: $37,517
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Special needs vocational students will be provided an opportunity to explore and acquire skills in reprographics. The program will consist of five phases. In phase I, a feasibility study will be conducted to identify students who may benefit from such a program. Curriculum modules in reprographics will be developed during phase II. During phase III, inservice training for teachers will be offered. Training modules will be developed and resulting curriculum applied in phase IV. During phase V, the program will be evaluated and follow-up studies conducted.

Curriculum Development (Sec. 133)

AR 79 0380

Curriculum Development Effort in Adult Education for Montana Vocational Agriculture Teachers.
Project Director: Bishop, Douglas
Organization: Montana State Univ., Bozeman
Address: Bozeman, MT 59717
Descriptors: *Adult Education, Advisory Committees, *Agricultural Education, *Core Curriculum, *Curriculum Development, *Curriculum Planning, Instructional Materials, Needs Assessment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5703-05-23-17-0008

A core of adult education curriculum materials for vocational agriculture teachers in Montana will be prepared by conducting an evaluative survey to determine the nature and extent of adult education offered during the last three years. Summarized data of the follow-up survey will be used throughout the program. Based on their interest in and knowledge of the needs of adult agricultural education, three teachers will be selected to serve on an advisory and planning committee to assist in the initial planning of subject matter and skill areas for which curriculum material is not organized into instructional units for adults. A five-year adult curriculum plan and priorities for developing a minimum of fifteen units of instruction for adult agricultural education will be established. Development of the units will continue during the 1978-1979 academic year and will be finalized during the summer of 1979. From these fifteen units, three will be completed and made available at cost to vocational agriculture teachers for the 1979-1980 school year.

AR 79 0381

Curriculum for Mainstreaming Handicapped Home Economics Students.
Project Director: Parsons, Angie
Organization: Montana State Univ., Bozeman. Dept. of Home Economics
Address: Bozeman, MT 59717
Descriptors: Class Management, *Curriculum Development, Curriculum Guides, Evaluation Methods, Grading, *Handicapped Students, *Home Economics Education, Home Economics Teachers, Instructional Materials, *Mainstreaming, Material Development, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,959
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-5703-06-22-17-0035

A workshop for home economics teachers will be conducted at Montana State University to develop curriculum materials for mainstreamed handicapped home economics students. Workshop topics will include an overview of PL 94-142, what to teach students, how to handle failure, positive management of handicapped students, grading, and evaluation techniques. A curriculum materials handbook for mainstreaming handicapped home economics students will be developed for state-wide use.

AR 79 0382

Distributive Education Audiovisual Materials Laboratory.
Project Director: Newville, Ron
Organization: Bozeman Senior High School, Mont.
Address: Bozeman, MT 59715
Descriptors: Audiovisual Aids, *Audiovisual Centers, Career Choice, *Curriculum Development, *Distributive Education, Information Dissemination, *Instructional Materials, Marketing, *Multimedia Instruction, Teacher Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,500
Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena
Contract and/or Control No.: 79-1605-05-23-16-0014

Up-to-date print and audiovisual materials will be provided to Montana teachers of marketing and distribution to supplement their traditional curriculum materials. Materials purchased through the program are intended to encourage students to select careers based on interest and ability rather than sex, and will provide teacher-educators with necessary materials to give distributive education majors an up-to-date philosophy in business and marketing when entering the teaching field. The materials will be distributed to all distributive education programs to present a uniform state curriculum in marketing and distribution.

AR 79 0383

Report of the Educational Program for Young Mothers in the Helena Public School System.

Project Director: Briggs, Margaret

Organization: Montana State Univ., Bozeman. Dept. of Home Economics

Address: Bozeman, MT 59717

Descriptors: *Educational Programs, Information Dissemination, *Pregnant Students, *Publications, *Secondary School Students

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $1,684

Sponsoring Agency: Montana State Office of the Superintendent of Public Instruction, Helena

Contract and/or Control No.: 79-5703-05-22-17-0034

A booklet will be published to describe the outstanding vocational education program for pregnant teenage girls in the Helena public school system. In preparation for publication, the written goals, guidelines, and descriptive statements about the program will be reviewed. Teachers and supervisors will be interviewed and a draft of the report prepared. The approved material will then be reproduced in booklet form and made available to all secondary school administrators, guidance staff and home economics teachers in the state.

NEBRASKA

Curriculum Development (Sec. 133)

AR 79 0384

Development of Articulation Materials for Vocational Education.
Project Director: Jones, Buford
Organization: Lincoln Public Schools, Nebr.; Southeast Community Coll., Lincoln, Nebr.
Address: Lincoln, NE
Descriptors: *Articulation (Program), Criterion Referenced Tests, Curriculum Development, Drafting, Electronics, Employment, *Health Occupations, *Instructional Materials, Job Skills, *Material Development, *Performance Based Education, Performance Criteria, Program Development, Secondary Education, Task Analysis
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $28,371
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

Materials for health-related occupations, drafting, and electronics will be developed which will facilitate the articulation of students from secondary education to either postsecondary education or employment. The materials will consist of student outcomes for both employment and advanced placement; competencies, including tasks, conditions, and limitations; performance criteria; enabling tasks; a glossary; and recordkeeping charts. Competency tests will be prepared, as appropriate, and a manual will be developed to help secondary and postsecondary personnel implement the articulation competencies. A committee will be used to determine which competencies are necessary for initial employment; representatives from three educational agencies and employers will determine student outcomes, including the types of jobs available for students who have developed competencies, the amount of advanced credit to be awarded at the postsecondary level for each competency, and the amount of high school credit suggested for each competency.

AR 79 0385

Nebraska Vocational Curriculum Resource Center (Continuation).
Project Director: Nelson, Beverly J.
Organization: Kearney State Coll., Nebr. Center for Vocational Education
Address: Kearney, NE 68847
Descriptors: *Curriculum Evaluation, *Educational Resources, *Instructional Materials, *Resource Centers, Technical Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $16,000
Sponsoring Agency: Nebraska State Dept. of Education, Lincoln

In its fifth consecutive year, the center will continue to provide a reference-resource bank of curriculum materials to vocational educators in Nebraska for examination and possible adoption to strengthen the teaching in vocational education areas. The center (1) serves as a focal point for the collection, acquisition, dissemination and diffusion of vocational education curriculum materials; (2) serves as a facilitating mechanism for the systematic review and evaluation of curriculum materials in vocational education; and (3) coordinates task force meetings as needed for the assessment and review of center activities.

NEVADA

Exemplary and Innovative (Sec. 132)

AR 79 0386

Career Awareness Program for High School Sophomores.
Project Director: Burrows, Roy
Organization: Clark County Community College, North Las Vegas, Nev.
Address: North Las Vegas, NV 89030
Descriptors: *Career Choice, *Career Education, Community Colleges, Data Analysis, Grade 10, Grade 12, *Program Development, Secondary Education, *Student Ability, *Student Interests, Student Placement, Testing
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $2,300
Sponsoring Agency: Nevada State Dept. of Education, Carson City

Project activities will involve providing vocational and technical high school sophomores and seniors with an awareness of career options, facilitating their self-awareness through use of interest experience and ability measures, and giving career placement information regarding students to the high school and community colleges for use in developing career exploration programs specific to student needs. The CPP will be administered to sophomores to determine if their stated career choices are congruent with the career interests as indicated on the test; seniors will be tested to determine if their career interests are unchanged from their original choice. Additionally, programs will be prepared for graduating seniors, and guidance and career exploration programs will be adjusted according to data produced from the tests.

AR 79 0387

Conducting a Needs Assessment Study in Southern Nevada for a Program in Ornamental Horticulture.
Project Director: Christopher, William E.
Organization: Clark County Community College, North Las Vegas, Nev.
Address: North Las Vegas, NV 89030
Descriptors: Basic Skills, *Career Ladders, Community Colleges, Educational Programs, *Employment Opportunities, *Employment Trends, *Job Skills, *Needs Assessment, *Ornamental Horticulture, Surveys
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $1,100
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-04

Necessary information will be provided to determine whether an ornamental horticulture training program is needed in southern Nevada and feasible at the community college level. Data generated will be used in developing program curriculum if the new course is begun at Clark County Community College. A needs assessment will be conducted to gather data relating to employment opportunities, projected industry growth, minimum entry-level skills required, and career ladder potential in the area of ornamental horticulture in the southern portion of Nevada. To effect this needs assessment, a questionnaire will be developed, prospective employers will be identified, and questionnaires will be mailed. Telephone calls and personal interviews will be used to supplement data obtained from the questionnaire.

AR 79 0388

Development of Student-Oriented Vocational Education Promotion Materials for Use on Television and Radio.
Project Director: Rask, Michael L.
Organization: Nevada Advisory Council for Vocational Technical Education, Carson City
Address: Carson City, NV 89710
Descriptors: *Audiotape Recordings, *Career Education, *Educational Opportunities, Film Production, *Information Dissemination, Programing (Broadcast), *Publicize, Student Recruitment, *Television Commercials
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-02

To publicize vocational education and create greater awareness among the general public of its value and availability, project staff will produce two thirty- to sixty-second radio tapes and two thirty- to sixty-second television films for use in public service announcements by all radio and television stations in Nevada. Potential students will become aware of the vocational education programs and be directed to appropriate sources of information. Voice manuscripts for the radio tapes and two story boards for the television films will be developed. After reviewing the tapes and story boards for stigmas and biases and for applicability to the objectives, location camera and tape work will be completed. Final editing will then take place.

AR 79 0389

Home Appliance Repair Program at Moapa Valley High School.
Project Director: Smith, Val D.
Organization: Moapa Valley High School, Overton, Nev.
Address: Overton, NV 89040
Descriptors: Curriculum Development, *Educational Equipment, *Electrical Appliance Servicemen, *Entry Workers, *Job Skills, Secondary Education, Skill Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-07

In order to provide students with the entry-level skills necessary in home appliance repair, Moapa Valley High School intends to initiate a home appliance repair course. Through this project, minimal tools and test equipment necessary for implementing an eighteen-week high school course in home appliance repair will be purchased.

AR 79 0390

Project for the Development of an Individualized and Transportable Competency-Based Teaching Materials Package for Nevada's Vocational Education Teachers.
Project Director: Kirkpatrick, Thomas E.
Organization: Nevada Univ., Las Vegas. Coll. of Education
Address: Las Vegas, NV 89154
Descriptors: Access to Education, Curriculum Development, Formative Evaluation, *Individualized Programs, Information Dissemination, *Learning Modules, *Performance Based Teacher Education, Program Development, *Rural Areas, *Teacher Education, Vocational Education Teachers
Funding Period: Start Date 1 May 79; End Date 30 Jun 80
Fiscal Year Funding: $8,000
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-08

Vocational teachers who do not have access to teacher training institutions will be provided with competency-based teaching materials that will assist them in improving their teaching skills. The materials package, which will be directed primarily toward rural vocational educators, will be designed to be used by individuals or groups. A search will be conducted to identify existing competency-based materials, which will be synthesized and modified into a transportable mode. They will then be field tested, disseminated, and evaluated.

AR 79 0391

Proposal for the Development and Implementation of a Vocational Education Information System.
Project Director: Kirkpatrick, Thomas E.
Organization: Nevada Univ., Las Vegas
Address: Las Vegas, NV
Descriptors: Conferences, *Data Collection, Information Processing, *Information Systems, *Resource Allocations, *Statistical Data, *Systems Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $3,000
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-06

A greater degree of accuracy in data provided on vocational education programs will result from this project which will provide the administrative and financial leadership required to develop and implement in Nevada a model for acquiring statistical information required by federal mandate and the National Center for Educational Statistics. Information provided by the majority of Nevada school districts will be recorded on tape or card so that it is compatible with processing by the Clark County computer center. The procedures of those school districts not furnishing data will be examined by state staff and alternative reporting systems developed. Conferences (including inservice workshops) will be conducted by state staff to apprise school district personnel of the action and requirements of the VEDS system. Visitations will be made by

state staff when necessary.

AR 79 0392

Proposal to Establish Solar Technology Program at Clark County Community College.

Organization: Clark County Community Coll., North Las Vegas, Nev.
Address: North Las Vegas, NV 89030
Descriptors: Community Colleges, Computer Programs, Documentation, Educational Equipment, *Educational Programs, *Job Placement, Job Training, *Manpower Needs, Postsecondary Education, *Program Development, *Program Evaluation, *Solar Radiation
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $24,598
Sponsoring Agency: Nevada State Dept. of Education, Carson City
Contract and/or Control No.: NV-79-132-A-05

This program will provide insight and direction into technical training programs and produce at least fifteen solar energy service technicians. In addition, an established curriculum and training materials for students of the solar energy technician program will be produced. The project seeks to provide experience with newly designed training equipment and computer programs to document and assess their use. It also aims to successfully place all graduates of the program in solar-related jobs. At least one report assessing industrial needs for solar technicians and one report analyzing the curriculum and approach of the Clark County Community College (CCCC) Solar Energy Technician Training Program will be obtained. In order to accomplish these goals, CCCC will offer a thirty credit hour curriculum leading to a "Certificate of Achievement in Solar Energy Technology." Five CRT terminals, a modular liquid trainer, a central control unit, and a controller trainer will be hired to teach passive solar systems, and outside expert consultants from the Desert Research Institute will assess local and regional needs for solar service technicians and evaluate the solar energy program in terms of its effectiveness in meeting those needs.

NEW JERSEY

Research (Sec. 131)

AR 79 0393

Bilingual Translation and Field-Testing of Revised Vocational English and Math Instructional Units and Elimination of Sex Bias and Stereotyping.
Project Director: Lulos, George S.
Organization: Glassboro State Coll., N.J.
Address: Glassboro, NJ 08028
Descriptors: Audiovisual Aids, Basic Skills, *Bilingual Education, Curriculum Development, *English (Second Language), English Education, *Instructional Materials, Language Skills, *Mathematics Education, Sex Discrimination, *Sex Fairness, *Spanish Speaking, Teaching Guides, Units of Study, Workbooks
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $17,080
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SREG 921

On the basis of recently conducted field tests, project staff will revise existing vocational curriculum materials that show the applications of language and mathematics abilities to vocational skill areas. The materials are slide/tape-based, but include student workbooks, teacher guides, and pre- and posttests. These materials will be translated into Spanish to make them a vocationally related supplement to the regular English as a second language (ESL) program, and to provide a greater opportunity for Spanish-speaking students to enter vocational programs.

AR 79 0394

Career Communication Skills.
Project Director: Pearce, Maxine
Organization: Bridgewater-Raritan Regional School District, N.J.
Address: District Instructional Center, Second Street, Raritan, NJ 08869
Descriptors: *Basic Skills, Career Choice, Career Education, *Communication Skills, *Curriculum Design, Curriculum Development, Material Development, Relevance (Education), *Remedial Arithmetic, *Self Concept, Student Needs, *Work Study Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $28,084
Sponsoring Agency: New Jersey State Dept of Education, Trenton
Contract and/or Control No.: 79 SREG 908

Career education curriculum designed to meet the basic skills and self-concept needs of work-study students regardless of sex or career choice will be implemented in this project. Students will work with job-related materials to improve their basic skills in arithmetic and communication. Problem-solving exercises in the students' areas of interest will be used, in addition to employer feedback, to make learning experiences interesting and successful. Teachers will participate in a pilot program intended to train them in integrating the career dimension into classroom activities and in developing materials suitable to project objectives and individual teaching styles.

AR 79 0395

Interview Follow-Up of Vocational Program Graduates Transferring to Four-Year Colleges: Study and Analysis of Graduates' Objectives, Satisfactions, and Perceptions.
Project Director: Feigenbaum, Carl
Organization: Brookdale Community Coll., Lincroft, N.J.
Address: Lincroft, NJ 07738
Descriptors: Articulation (Program), *Curriculum Evaluation, Data Analysis, Educational Objectives, *Followup Studies, *Graduates, *Graduate Surveys, Information Networks, *Job Satisfaction, Postsecondary Education, *Transfer Students
Funding Period: Start Date 1 Jul 78; End Date 30 Apr 79
Fiscal Year Funding: $10,290
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SREG 905

Vocational curricula objectives and content relating to educational evaluation outcomes, including job and life objectives, satisfaction with the degree to which these objectives were met, and personal perceptions of these objectives and satisfactions will be evaluated in this project. Indepth interviews will be conducted with vocational program graduates receiving terminal degrees (AAS/Certificates) who continue their formal education at four-year colleges. The interviews will be designed and conducted by the Brookdale Office of Research and Planning in cooperation with an articulation network to be developed by Brookdale and public and private four-year colleges in New Jersey. Using incorporated nonresponse and reliability studies, project staff will assist in interpreting data from the larger nine-month Brookdale graduate follow-up survey.

AR 79 0396

Proposed Model for Formative Assessment of an Allied Health Curriculum.
Project Director: Dietrich, Marie C.
Organization: New Jersey Coll. of Medicine and Dentistry, Newark.
Address: 100 Bergen Street, Newark, NJ 07103
Descriptors: Audiotape Recordings, Decision Making, Educational Objectives, Educational Programs, Educational Testing, *Formative Evaluation, *Health Occupations Education, Information Dissemination, Material Development, *Models, *Program Development, *Program Evaluation, *School Surveys
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $18,283
Sponsoring Agency: New Jersey State Dept. of Education, Trenton

A model for formative evaluation of an allied health education program will be developed and tested in this project. Students and instructors will be surveyed and process recordings made in class, laboratory, and clinic practicums to determine the level of implementation of instructional objectives. Weekly feedback to the program director and monthly meetings with program instructors and students will keep the target population informed of the findings of the evaluation and will provide opportunities for discussion and participation in instructional decisions.

Exemplary and Innovative (Sec. 132)

AR 79 0397

Bilingual Vocational Education Program.
Project Director: Phillips, Richard R.
Organization: Center for Occupational Education Experimentation and Demonstration, Newark, N.J.
Address: 223 Broadway, Newark, NJ 07104
Descriptors: Adult Education, *Bilingual Education, *Employment Opportunities, *English (Second Language), Job Satisfaction, Job Skills, *Language Instruction, *Language Laboratories, Language Skills, Secondary Education, Skill Development, *Spanish Speaking
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $53,700
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 952

This bilingual vocational education project will provide an exemplary and innovative program of vocational education for persons of limited English-speaking ability. The project will focus on preparing these persons, primarily Hispanics, for the world of work by developing the necessary English-language skills along with occupational skills. In combining the development of communication and vocational skills, the project will enhance the target population's ability to obtain and hold jobs, embark on satisfying and rewarding careers, and assume a meaningful role in society.

AR 79 0398

Creation and Utilization of Functional Teacher-Created Classroom Techniques Which Incorporate the Teaching of Vocational and Related Subjects with a Basic Skills Emphasis.
Project Director: Bucholz, Fred H.
Organization: Sussex County Vocational-Technical School, Sparta, N.J.
Address: 105 North Church Road, Sparta, NJ 07871
Descriptors: Academic Achievement, *Basic Skills, Calculation, Communication Skills, *Educational Programs, *Individualized Instruction, Inservice Teacher Education, Reading Skills, Self Evaluation, *Skill Development, Student Attitudes, Student Needs, Teacher Attitudes, Teaching Skills, *Teaching Techniques

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $22,687
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 920

Students' learning of basic communication and computation skills will be improved by the direct teaching of the reading and learning skills necessary for them to learn the specific vocational and related subject and content areas taught. The project will (1) identify communication and computation skills necessary for vocational subject area achievement, (2) identify individual student and class deficiencies in communication and computation skills, (3) provide inservice education programs for teachers in skills and content teaching, (4) conduct assessment of student and teacher attitudes, (5) provide for self-assessment of teacher competencies, (6) individualize instruction, (7) study the possibility of the Sussex vocational and technical school serving as a training center for all New Jersey vocational education teachers or as a base from which to serve vocational and technical schools throughout the state, (8) conduct a training program for the process of educating students with a skills emphasis, and (9) provide already developed materials for use in vocational and related instructional areas.

AR 79 0399

Energy Conversion Showplace.
Project Director: Weber, Robert D.
Organization: Mercer County Area Vocational School Assunpink Center, Trenton, N.J.
Address: Trenton State College, Room 15, Armstrong Hall, Trenton, NJ 08625
Descriptors: *Energy, *Program Development, Secondary Education, *Solar Radiation
Identifiers: *Alternate Fuels, *Energy Conversion
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,500
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 958

The purposes of this energy conversion project are to (1) provide instruction in the design, installation, operation, and evaluation of energy-conversion devices related to the sun, wind, and fossil fuels; (2) install two solar-heated domestic hot water heaters; (3) install and monitor a wind-data compulator to monitor wind speed and direction; (4) install an operable wind-powered electrical generator with a synchronous invertor to supplement the commercial electrical power used in one building; and (5) install a high-efficiency wood-burning stove in one building to supplement the existing oil-fired space-heating system. The equipment will be designed, installed, operated, and evaluated by thirty participants: ten secondary school students, ten industrial arts teachers, and ten vocational education teachers. The project will be conducted in three stages. Stage I will consist of a series of four-hour seminars dealing with solar energy, high-efficiency wood-burning stoves, and wind-energy generators. Stage II will involve specific planning for the installation of the energy-conversion devices. Stage III will consist of a two-week summer period at the installation site where the energy conversion units will be installed, operated, and evaluated. The installation site is the Mohican Outdoor Resource Center, a 1,700-acre environmental center located in Blairstown, New Jersey.

AR 79 0400

Needs Assessment Plan for Ocean County Vocational School.
Project Director: Henry, William G.
Organization: Ocean County Vocational School District, Toms River, N.J.
Address: Old Freehold & Bey Lea Roads, Toms River, NJ 08753
Descriptors: Area Vocational Schools, Data Analysis, Evaluation Methods, *Formative Evaluation, *Guidelines, *Measurement Instruments, *Needs Assessment, *Program Development, *Program Planning, Program Validation, Secondary Education, Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,000
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 902

An operational needs assessment model to be used in vocational education will be designed and validated. An in-depth study will be conducted and needs assessment guidelines will be developed to identify, define, and clarify the steps in the needs assessment process; provide operational prototypes for each step; and identify and outline procedures for selecting and developing valid and reliable instrumentation. An evaluation plan will encompass student outcomes, management, instruction, and guidance and couseling. Workshops will be conducted to obtain staff and community input. Results will be tabulated on the basis of instrumentation in the various areas and an analysis will be made in the form of recommendations based on differences between actual and expected outcomes. Priorities will be established to further program design and implementation. The findings, recommendations, and identification of the instrumentation used in the project will be available through the Ocean County Area Vocational/Technical School and will be housed at the Occupational Career Resource Center in Edison, New Jersey. A final report will be submitted to the New Jersey State Department of Education, Division of Vocational Education.

AR 79 0401

Optimizing Vocational Development in the Handicapped (A Systems Approach to Community and Family Involvement).
Project Director: Loughlin, Brian J.
Organization: Middlesex County Vocational & Technical High Schools, New Brunswick, N.J.
Address: 112 Rues Lane, New Brunswick, NJ 08816
Descriptors: Academic Achievement, *Community Involvement, Family Involvement, Family School Relationship, *Handicapped Students, Interpersonal Competence, Job Training, *Parent Participation, Parent School Relationship, Parent Student Relationship, School Community Relationship, Secondary Education, *Social Factors, *Student Development, Student School Relationship, *Success Factors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,875
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 915

Based on the theory that the interaction among community, family, student, and school is crucial to an individual's eventual success in the competitive employment market, a group of students and parents from the Middlesex County vocational and technical high school district will be organized. Among the techniques and resources to be used with the students and parents will be instruction in the social and emotional factors which influence employability and provision of information regarding relevant governmental and private groups and organizations which aid the handicapped person. The project should enable students to be more productive in school and more adequately prepared for employment, enable parents to be better equipped to counsel their children, and enable both to possess added interpersonal skills.

AR 79 0402

Project Cycle.
Project Director: Rosenfeld, Terry
Organization: Dept. of Pupil Services, Lawrenceville, N.J.
Address: 2060 Princeton Pike, Lawrenceville, NJ 08648
Descriptors: Accounting, Adolescents, Appliance Repairing, Auto Mechanics, *Business Administration, *Community Resources, *Interpersonal Competence, Positive Reinforcement, School Environment, Self Concept, *Skill Development, *Socially Maladjusted, Student Improvement, *Student Motivation, Student Publications, Television Repairmen
Identifiers: Upholsterers, Advertising Copywriting
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,430
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 946

Project Cycle will attempt to provide socially maladapted adolescents with knowledge of the complex operations of a business and a variety of specific skills that can provide motivation and training for future employment; circumvent the nonacceptance of traditional skill, career, and vocational training methods; and remediate the social adjustment problems which made this population unemployable. Project staff will work toward improving the population's self-image by using strategies that foster achievement, such as providing a non-punitive, accepting atmosphere; seizing upon favorable characteristics and actions and reinforcing them; setting up opportunities for small successes; minimizing failures; criticizing actions rather than people; widening the positive interpersonal contacts of students through customer relations and contacts with workers in the community; and involving students in a project seen as an intrinsic social good. A combination store/school/workshop will be rented. The school's students will obtain goods through donations, buying at auctions and yard sales, and taking in goods on consignment. Skilled community resource people will aid the teachers by teaching such skills as stripping, refinishing, repairing, and reupholstering furniture; television repair; small appliance repair; and the working of engines. Academic skills, where possible, will be related to the business, for example, advertising units to do actual advertising; and journalism units to make an actual newspaper for dissemination. Bookkeeping, accounting, and related math skills also will be part of the business. Job promotions and opportunities to participate in high-interest activities outside of the school/store setting will be contingent on evidence of positive social growth.

AR 79 0403

Project Rescue.
Project Director: Nissman, Blossom S.
Organization: Roebling Elementary School, Mt. Holly, N.J.
Address: c/o Westampton School, Mt. Holly, NJ 08060
Descriptors: *Communication Skills, *Educable Mentally Handicapped, Employment Opportunities, News Reporting, Program Development, Retention, School Community Programs, *School Community Relationship, *Skill Development, Student Employment, *Student Publications, *Student Responsibility

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,486
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SEMG 919

A CB receiving station for emergency calls, student employment, and community news, managed through the EMR class at Roebling School, will give EMR students an opportunity to practice communication skills, develop skill in the use of a CB radio, and develop an understanding of responsibility that will reinforce retention and memory skills. The CB station will provide contact to the police, a local bank, and the local newspaper office, and will act as the information source for the entire Roebling middle school community. Through interviews and a direct line of communication through the CB station, students will receive information that will be dispersed through the school and community through a weekly publication, "The Rescue." The publication will provide current information concerning work opportunities for students, community concerns, and news of interest. The interaction between the EMR students and the community will broaden the occupational aspirations of and make opportunities available for students with academic handicaps.

Curriculum Development (Sec. 133)

AR 79 0404

Chemical/Laboratory Technology.
Project Director: Gadegbeku, Barbara
Organization: Somerset County Coll., Somerville, N.J.
Address: Box 3300, Somerville, NJ 08876
Descriptors: *Chemical Industry, *Chemical Technicians, Curriculum Development, *Disadvantaged Groups, Formative Evaluation, *Handicapped Students, *Laboratory Technology, Manpower Needs, Material Development, Postsecondary Education, *Sex Fairness
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,315
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 912

Somerset County College proposes to develop a curriculum in laboratory and chemical technology to meet the employment needs of the many chemical and pharmaceutical manufacturers in the county. The staff, working with a technically competent advisory committee, will develop course curricula and materials, degree-program proposals, and support documents to overcome sex bias, and encourage the disadvantaged and handicapped to enter the program. The program will capitalize on a twelve-month training program now in progress. A process evaluation will be conducted to assure that quality projects will result from this effort.

AR 79 0405

Curriculum Development in Pulsed TIG Welding.
Project Director: Robertson, Kenneth
Organization: Atlantic Community Coll., Mays Landing, N.J.
Address: Route #49 and 19th Avenue, Mays Landing, NJ 08880
Descriptors: Academic Achievement, Adult Education, *Culturally Disadvantaged, Curriculum Development, *Economically Disadvantaged, *English (Second Language), *Individualized Programs, Instructional Aids, Instructional Materials, Non English Speaking, Object Manipulation, Psychomotor Skills, *Retraining, Secondary Education, Unemployed, *Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,555
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 906

As a response to the phasing out of clothing manufacturing in Atlantic County, this project will develop curriculum materials in the area of pulsed TIG welding for economically and culturally deprived and limited English-speaking students who have been working in the area of clothing manufacturing. Success in completing this program will encourage students to continue their education in gas or electric welding. Hobart or Miller welding training aids will be used to enable students to work at an individual pace until they master pulsed TIG welding operations of both flat and round stainless steel. Curriculum materials will be distributed to all schools with pulsed TIG welding equipment. The materials also will be usable to train adults who possess manipulative skills.

AR 79 0406

Development of a Clinical Evaluation Tool.
Project Director: Fallon, William M.
Organization: Gloucester County Coll., Sewell, N.J.
Address: Deptford, NJ 08080
Descriptors: Criterion Referenced Tests, Curriculum Development, *Evaluation Methods, Job Skills, *Measurement Instruments, *Minimum Competency Testing, *Nursing, *Performance Based Education, Program Validation, *Student Evaluation, Test Validity
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,100
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 929

A criterion-referenced, competency-based, clinical performance evaluation tool will be developed in this curriculum project to be used as part of a examination in the nursing course of Gloucester County College. Project objectives include identifying critical and non-critical behaviors, identifying the level of competence expected at the end of the first semester (Nursing I) for each behavior, and conducting validation studies of the tool. Validation studies will include observing students who are completing Nursing I in the clinical area, using the evaluation tool, and comparing the scores obtained with the students' final clinical evaluation in the course. Once the test is developed and validated, experience guidelines will be developed for future use of the tool as the clinical part of the examination. Student guidelines will also be developed to spell out objectives and procedures in taking the challenging examinations.

AR 79 0407

Haddonfield Career Curriculum Manual Project.
Project Director: Morgan, Bruce C.
Organization: Haddonfield Memorial High School, N.J.
Address: Kings Highway West, Haddonfield, NJ 08033
Descriptors: *Career Education, *College Bound Students, Curriculum Development, *Curriculum Guides, Fused Curriculum, Information Dissemination, *Instructional Materials, Job Skills, Resource Materials, Secondary Education, *Sex Fairness, Teacher Developed Materials
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,500
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 920

The overall purpose of this project is to develop career education and curriculum materials which will be compiled into a manual and infused into the present curriculum disciplines in Haddonfield Memorial High School. The material will (1) be free of sex role stereotyping; (2) include information on new and changing career fields; and (3) develop in students a more heightened awareness of future career directions, skills necessary to enter the world of work, a feeling of pride in work, and a feeling of self-worth. Teachers representing the various disciplines in the school will be hired to develop the curriculum manual which will include activities related to each discipline, resource materials, speaker lists, field-trip suggestions, and actual lesson plans. The manual will be disseminated to all teachers at the high school at the beginning of the 1978-79 school year. Inservice programs will be conducted in the fall to provide teachers an opportunity for discussion. The manual will be usable in other high schools where the majority of the students attend college directly upon graduation and where the expenditure of funds for career and vocational education is minimal.

AR 79 0408

Paraprofessional Training in Special Education.
Project Director: Lewis, D. Brian
Organization: Burlington County Coll., Pemberton, NJ
Address: Pemberton-Browns Mills Road, Pemberton, NJ 08068
Descriptors: Curriculum Development, Formative Evaluation, Handicapped Students, *Information Dissemination, *On the Job Training, *Paraprofessional Personnel, Postsecondary Education, *Program Evaluation, *Special Education, *Teacher Aides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $31,159
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 922

In order to train special education paraprofessionals, this project seeks to complete the development of a model curriculum which will extend to a fundamental program for all paraprofessionals and to such course work as may be needed in specific areas. The model curriculum will consist of four courses: PEG I, ForYou, and ECHO. The PEG I and ForYou courses were completed in a project funded in FY78. PEG I lays a framework of training principles for paraprofessionals; ForYou assists in personal and professional growth. This project will develop the remaining materials (PEG II and ECHO). Like PEG I, PEG II will also lay a framework of training principles for the paraprofessional. ECHO will combine the best of current practices with onsite practicum. Project staff will field test materials in all four courses through a series of user, consultant, evaluator, and control group test-and-feedback conferences; materials identified in the FY78 project for the SkillBank and professional library will be evaluated by the curriculum development team. After these evaluations, the materials will be revised where indicated and printed in a final form suitable for circulation. A culminating activity of this project will be

dissemination conferences in which the curriculum and its materials will be presented to potential users in vocational, special, and general education.

AR 79 0409

Proposal to Explore the Use of Programmed Calculators in Remedial and Special Needs Math Programs at the Secondary Level.

Project Director: McDonnell, Marie
Organization: Middlesex County Vocational & Technical High Schools, New Brunswick, N.J.
Address: 112 Rues Lane, New Brunswick, NJ 08816
Descriptors: Effective Teaching, *Instructional Aids, Program Evaluation, *Remedial Mathematics, Secondary Education, Skill Development, *Student Attitudes, *Student Improvement, *Student Motivation, *Teacher Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,675
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 SCDG 910

Secondary-level students in remedial mathematics courses will be helped to overcome possible embarrassment and anxiety and to sustain their interest in drill practice while allowing for better use of the teachers' time through the use of six Monroe Calculator "Classmate 88" programmed calculators for one year. One calculator will be placed in each of five remedial math laboratories for supervising and scheduling student use of the calculators and maintaining records and equipment. The supervisor of related instruction will coordinate the program. Teachers will endeavor to assign an equal number of boys and girls to the calculators. Prior to using the calculator for computation, students will be given a pretest in math and instruction in the use of the calculator. Upon completion of use, students will be given a posttest and a comparison of means will be made. Teachers and students will be administered attitudinal surveys concerning reactions to the use of the calculators upon completion of the project. A final report incorporating this information and evaluating the project will be made by the supervisor. Project staff hope that, at the end of the project, students will display improvement in computational skills, a feeling of accomplishment, and a positive attitude toward continued use of the calculator and mathematics; and that teachers will react positively to continued use of the calculator as an instructional aid.

AR 79 0410

The Sense Connection: Linking Education with Business and Industry.

Project Director: Winkler, Paul B.
Organization: Educational Improvement Center-S Seawell, N.J.
Address: 207 Delsea Drive, Box 209, Sewell, NJ 08080
Descriptors: *Career Education, *Changing Attitudes, *Community Resources, Educational Needs, *Educational Resources, Geographic Regions, Material Development, *Resource Guides, School Attitudes, *School Industry Relationship
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $27,700
Sponsoring Agency: New Jersey State Dept. of Education, Trenton
Contract and/or Control No.: 79 133 SCDG 934

To help schools solve identified needs in the area of career and vocational education, and to develop positive attitudes between schools and the business and industrial community, project staff will compile a guide listing the resources of the businesses and industries within a geographic area. The resource guide will be made available to the schools via awareness sessions and convocations.

NEW YORK

Research (Sec. 131)

AR 79 0411

Descriptive Assessment of Cooperative Occupational Education Programs in Two-Year Colleges.
Project Director: Beilby, Albert
Organization: State Univ. of New York, Ithaca. Cornell Inst. for Research and Development in Occupational Education
Address: Ithaca, NY 14853
Descriptors: Community Colleges, *Cooperative Education, *Cooperative Programs, Evaluation Criteria, Guides, *Needs Assessment, Postsecondary Education, Program Descriptions, *Program Effectiveness, *Program Evaluation
Funding Period: Start Date 1 Nov 78; End Date 30 Sep 79
Fiscal Year Funding: $48,961
Sponsoring Agency: New York State Education Dept. Albany
Contract and/or Control No.: 79-3A-799GPS

Postsecondary education instructors will receive a handbook for planning or improving local cooperative education programs. Project staff will review literature relevant to cooperative education issues, problems, problem resolutions, characteristics, and configurations at the national level; specify program evaluation criteria; and carry out a state-wide descriptive assessment of cooperative education efforts in two-year colleges. A telephone survey will be conducted to identify two-year college programs, a mail survey will be designed and conducted, and data will be analyzed and compiled. An educational impact research study will be designed and implemented to investigate the feasibility of establishing relationships between selected cooperative education programs and other employment programs. Information from the research will be useful to state and local policy makers, foster cooperative experiential education, promote long-range improvement of placement rate, and facilitate instructional effectiveness.

AR 79 0412

Development of a Model for Regional Use in Determining Employment Needs of Business and Industry.
Project Director: Alwell, William
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Educational Supply, Evaluation Methods, Facility Planning, *Human Resources, Job Skills, *Labor Demands, *Manpower Needs, Models, *Needs Assessment, Program Development, *Regional Planning, School Industry Relationship, Skill Analysis, Vocational Directors
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Note: Additional funds were not required for this project for FY 1979.
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-2

A procedural model for regional occupational education planners and directors to use in comparing human resource needs of local employers to the capabilities of local occupational education facilities to supply those needs will be developed. Employers, their human resource needs, and job specifications and training requirements will be identified. Training facilities in both public and private sectors will be assessed and their projectd output for a given time period will be estimated. Moreover, the selection of students for training programs will be assessed. A model will then be developed to merge the data into projections of human resource training needs for New York state occupational education.

AR 79 0413

Development of Criteria for Use and Usefulness of Program Evaluation Information by BOCES Local Occupational Education Administrators.
Project Director: Alwell, William
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Administrative Personnel, Decision Making, *Evaluation Criteria, *Evaluation Methods, Performance Criteria, *Program Evaluation, Vocational Directors
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Note: Additional funds were not required for this project for FY 1979.
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-1

A set of criteria will be developed for use by individuals who plan and conduct evaluations. These criteria will aid the evaluator in selecting the information to be provided to program decision makers. Evaluation items currently used by occupational education program directors will be identified and placed in rank order on the basis of current usefullness; a set of attributes common to the items will be determined through use of a jury system. Based on the common attributes, the set of criteria will be generated and agreed upon by the occupational education program directors.

AR 79 0414

Effects of Industrial Arts Publishing Activities Centers on Reading Achievement Scores–Stage II: Generalizability of Effects.
Project Director: Alwell, William W.
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Disadvantaged Youth, *Elementary School Students, Industrial Arts, Learning Activities, *Program Effectiveness, *Program Validation, *Reading Achievement, Reading Tests, Small Schools, Suburban Schools, *Success Factors, Urban Schools
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Note: Additional funds were not required for this project for FY 1979.
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-3

The effects of industrial arts publishing activities centers on the reading achievement scores of elementary school children in New York City, in a small city, and in a suburban school district will be determined. The validity of factors previously identified as influencing the success of the program will also be determined. A decision will then be made as to whether program operation time can be reduced without reducing program success.

AR 79 0415

Identification of Factors Associated with Sex Role Stereotyping in Occupational Education–Phase II.
Project Director: Ott, Mary Diederich
Organization: State Univ. of New York, Ithaca. Cornell Inst. for Research and Development in Occupational Education
Address: Ithaca, NY 14853
Descriptors: *Data Bases, *Factor Analysis, *Program Effectiveness, Secondary Education, *Sex Discrimination, *Sex Stereotypes
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $65,421
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-7556S

A data base will be provided for use in reducing sex bias and sex-role stereotyping in occupational education in New York. In phase II of this continuing project, project personnel will revise the research design, instrumentation, and data collection instruments according to pilot experience and outcomes; identify a sample of major occupational education curriculum areas in each of the thirteen planning regions; and investigate the impact of previous efforts on reducing sex-role stereotyping. Findings from phase I regarding sex-role bias will be validated, additional indicators in occupational program areas not addressed in the pilot phase will be identified, and factors with the greatest potential for improvement will be delineated. Cooperation with the Bureau of Occupational Education Research and the special programs coordinator will be maintained.

AR 79 0416

Improving Local Programming for Minority Business Enterprise.
Project Director: Winter, Gene
Organization: New York State Univ. System, Albany
Address: 135 Western Avenue, Albany, NY 12222
Descriptors: *Business, Curriculum Development, *Instructional Materials, Junior Colleges, *Minority Groups, Postsecondary Education, Program Effectiveness, *Program Improvement

Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $49,127
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-94-3GPS

Business educators, deans, and instructors in continuing education will receive materials, information, and reports of experiences for use in improving local programs for minority business enterprise. Cooperative research and development will be established with four to six colleges to identify, adapt, and refine instructional materials with potential for use in postsecondary education and to validate the effectiveness of the materials through field testing at cooperating two-year colleges. A strategy to assess the economic impact of minority small business entrepreneur programs in terms of the student and the community will be developed and pilot tested, and awareness and availability of programs in small business enterprise among the state's two-year colleges will be increased.

AR 79 0417

Instructional Support System for Occupational Education (ISSOE) Student Guidance for Development of Personalized Occupational Education Programs.
Project Director: Beuke, Vernon
Organization: State Univ. of New York, Ithaca. Cornell Inst. for Research and Development in Occupational Education
Address: Ithaca, NY 14853
Descriptors: Career Choice, *Career Planning, Educational Objectives, Guidance, *Individualized Programs, Management Systems, Pamphlets, Parent Participation, *Teaching Guides
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $38,143
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-891GS

A personalized student program plan brochure and teacher's guide will be developed with necessary forms and materials for use by ISSOE teachers and students to improve career planning. Major individualization systems and relevant classroom management systems will be reviewed and strategies consolidated with representatives of the Cornell ISSOE steering committee, the Bureau of Occupational Education Research, ISSOE management in the state education department, and POS. Materials and procedures will be pilot tested with a sample of students in a variety of ISSOE programs and revised as necessary, and the Personalized Program of Studies system will be articulated with requirements of the student reporting system.

AR 79 0418

Meeting Academic Success Needs of Re-entering Adults–Phase II.
Project Director: Mangano, Joseph
Organization: New York State Univ. System, Albany
Address: 1400 Washington Avenue, Milne 229, Albany, NY 12222
Descriptors: *Adults, Community Colleges, Educational Resources, *Needs Assessment, *Nontraditional Students, Postsecondary Education, *Program Planning, *Success Factors, Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 80
Fiscal Year Funding: $39,794
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-790GA

Data with practical application in selected occupational curricula at the two-year college level will be distributed for program improvement and planning for nontraditional students. Project personnel will determine the academic, social, and psychological needs of adults re-entering New York two-year colleges and assist the colleges in recognizing existing and potential resources useful to the target group. An assessment will be made of returning students' satisfaction with their academic programs. Campus meetings will be conducted with the steering committees of participating institutions to share data and provide technical assistance for providing support services for full- or part-time occupational students.

AR 79 0419

Occupational Education Needs Assessment for the Handicapped.
Project Director: Schneider, Rudolph
Organization: Steuben Allegany Board of Cooperative Educational Services, Bath, N.Y.
Address: R.D. #1, Bath, NY 14810
Descriptors: Curriculum Guides, *Educational Development, *Handicapped Students, *Individualized Instruction, *Needs Assessment, *Resource Guides, *Rural Areas
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $12,432
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-865HS

A regional resource library and a model individualized education plan (IEP) development procedure will be made available to regional directors of occupational and handicapped education. In developing a comprehensive student assessment system for providing rural handicapped students with appropriate occupational instruction, a questionnaire will be constructed, and a needs assessment procedure will be developed as a handbook.

AR 79 0420

Research: Student Follow-Up.
Project Director: Nicholson, Edward
Organization: Oswego County Board of Cooperative Educational Services, Mexico, N.Y.
Address: Box 488, Mexico, NY 13114
Descriptors: *Cooperative Programs, Data Analysis, Data Collection, *Followup Studies, Graduates, *Graduate Surveys, Models, Statistical Analysis, *Success Factors
Identifiers: *Board of Cooperative Educational Services
Funding Period: Start Date 1 Oct 78; End Date 31 Dec 78
Fiscal Year Funding: $3,475
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3A-6796S

A student follow-up model for use by local education agencies will result from this project which will attempt to show the success of Board of Cooperative Educational Services graduates as compared with academic program graduates. Follow-up data on graduates will be collected and statistically analyzed.

AR 79 0421

Study of Attrition and Retention Rates in Two-Year Occupational Education Programs at Two-Year Public and Independent Degree-Granting Institutions in New York State.
Project Director: Robertson, Alan; Whalen, Marie
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Attrition (Research Studies), Data Bases, Junior Colleges, Postsecondary Education, *Predictor Variables, *Retention Studies, *School Holding Power
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $15,000
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-4

An information base on attrition and retention will be provided for use in allocating vocational education funds. Factors affecting student continuance in and completion of postsecondary occupational education programs will be identified and assessed. Data collected from the state department of education, State University of New York, City University of New York, other institutions and present and former students will be analyzed to compare institutions and programs and to provide program-specific data related to expressed reasons for withdrawal or noncompletion. Findings will be directed to two-year college administrators and occupational education regional planning councils.

AR 79 0422

Study of Personal Background Characteristics of Secondary Public School Occupational Education Students in New York.
Project Director: Cooper, Lorin
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12234
Descriptors: *Educational Background, *High School Students, Secondary Education, *Student Characteristics
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,400
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-6

To determine who is being served by occupational education in the state, a small, rigidly stratified sample of secondary occupational education students will be examined to determine demographic characteristics of student groups by economic region, type of school and course of study. The resulting student profiles based on various population strata will be used in program planning, and presentations on the project will be made at state occupational education conferences.

AR 79 0423

Study to Identify Program Factors Related to the Successful Performance of Practical Nurse Students on the Licensure Examination.
Project Director: Swarts, Mildred; King, Dorothy
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Certification, *High School Students, *Practical Nurses, *Predictor Variables, Secondary Education, Senior High Schools, *Success Factors, Tests
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $6,300
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-5

A sample of high school practical nurse programs will be used to define the interrelatedness of selected institutional, program, faculty, and student factors as predictors of student success on the practical nursing licensing examination and in being employed as a practical nurse. Statistical analysis will be performed on data collected through telephone interviews and field visits together with a literature review and examination of state education department and local school data. A final report will be delivered.

AR 79 0424

V-TECS Catalog 1–Food Market Clerk.
Project Director: Alvir, Howard
Organization: State Univ. of New York, Albany. State Education Dept.
Address: Albany, NY 12234
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Food Stores, *Performance Based Education, Performance Criteria, *Sales Workers, Secondary Education, *Task Performance
Identifiers: Vocational Technical Education Consortium States
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $15,950
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-7

Task and tool inventories validated by incumbent workers, recommendations for Vocational Technical Education Consortium of States (V-TECS) catalog development, and a state-of-the-art report will be provided for the food market clerk occupation. The inventories, prepared from reference sources and professional consultation, will be field tested with incumbent workers in a representative selection of work settings and evaluated by the V-TECS central office.

AR 79 0425

V-TECS Catalog 2–Phototypsetting/Photocomposition Operator/-Manager.
Project Director: Alvir, Howard
Organization: New York State Education Dept., Albany. Bureau of Occupational Education Research
Address: Albany, NY 12224
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Photocomposition, *Printing, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $19,481
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: BOER 79-8

Task and tool inventories, validated by incumbent workers, recommendations for Vocational Technical Education Consortium of States (V-TECS) catalog development, and a state-of-the-art report will be provided for phototypsetting and photocomposition occupations. The inventories, prepared from reference sources and professional consultation, will be field tested with incumbent workers in a representative selection of work settings and evaluated by the V-TECS central office.

Exemplary and Innovative (Sec. 132)

AR 79 0426

Bilingual Shorthand.
Project Director: Takei, Kazuye
Organization: Bronx Community Coll., N.Y.
Address: West 181 Street and University Avenue, New York, NY 10453
Descriptors: *Bilingual Education, English (Second Language), *Office Occupations Education, Secondary Education, *Secretaries, *Spanish Speaking, *Stenography
Funding Period: Start Date 1 Sep 78; End Date 30 Apr 79
Fiscal Year Funding: $13,477 (Charged to FY 1978)
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-142451

A course in bilingual shorthand will be developed for Spanish-speaking students. Project goals are to teach English shorthand to Hispanic students; improve Spanish-speaking students' ability to handle the English language, and help Hispanic students understand the requirements of a secretarial career and the importance and prestige of college training. The class will be conducted in Spanish and English but students will speak only in English. They will receive instruction in the theory of Gregg and Spanish shorthand and will build their skills to sixty words per minute in the one-year course. Transcription will be in Spanish with a gradual development of English translation ability. By the end of the course, students will be able to take shorthand in Spanish and translate it into correct English.

AR 79 0427

Broadening Occupational Opportunities through Metrics.
Project Director: Agrawal, Piyush C.
Organization: Albany-Schenectady Board of Cooperative Educational Services, Albany, N.Y.
Address: 1015 Watervliet-Shaker Road, Albany, NY 12205
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Metric System, *Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 78
Fiscal Year Funding: $19,853 (Charged to FY 1978)
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-141684

Instructional materials on the metric system will be adapted and prepared for teacher training and classroom use. Workshops will be used to train approximately eighty occupational teachers in the metric system. Classroom instruction will be monitored and assistance provided on a selective basis. Copies of the metric curriculum developed by the project will be delivered to the state education department and Educational Resources Information Center (ERIC) for further dissemination.

AR 79 0428

Computer-Assisted Instruction (CAI) in Nursing.
Project Director: Landrau, Yolanda
Organization: Bronx Community Coll., N.Y.
Address: West 181 Street and University Avenue, Bronx, NY 10453
Descriptors: *Computer Assisted Instruction, *Economically Disadvantaged, *Educationally Disadvantaged, *Instructional Programs, *Nursing, *Program Development
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $99,313 (Charged to FY 1978)
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 78-3B-808

Project staff will develop a computer-assisted instructional program in nursing to aid economically and educationally disadvantaged students. Agencies currently using computer assisted instruction will be investigated. Content areas presenting difficulty to student learning will be determined by examination of test results and faculty questionnaires. A lab technician will be employed to work with students in the computer laboratory. The effectiveness of the instructional program will be validated. As a final product, a demonstration unit for other New York state agencies will be established.

AR 79 0429

Instructional Support System for Occupational Education (ISSOE).
Project Director: Bauer, Myrle R.
Organization: Jefferson-Lewis Board of Cooperative Educational Services, Watertown, N.Y.
Address: Arsenal Street Rd., Watertown, NY 13601
Descriptors: *Ancillary Services, Articulation (Program), *Behavioral Objectives, Carpenters, Curriculum Planning, Electrical Occupations, Food Service Occupations, Health Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Merchandising, Office Practice, Retailing, *School Industry Relationship, Sex Stereotypes, Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,368
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151236

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are office practice, carpentry, food service,

general merchandising and retailing, health assistant, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0430

Insurance Office Simulation Model Business Program.
Project Director: Cardillo, Rocco C.
Organization: Yonkers Public Schools, N.Y.
Address: 145 Palmer Rd., Yonkers, NY 10701
Descriptors: *Business Education, Business Education Teachers, Curriculum Development, Field Trips, Inservice Teacher Education, Instructional Materials, *Insurance Companies, Models, Office Machines, *Office Practice, *Program Development, *School Industry Relationship, *Simulation, Skill Development
Funding Period: Start Date 1 Nov 78; End Date 30 June 79
Fiscal Year Funding: $29,419
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151698

Upon completion of this model business program for training in insurance office work, 80 percent of the students will be able to type mailable copies of insurance forms. In addition, they will be able to use business and office machines and charts to correctly calculate policy insurance rates and perform operations required for daily and weekly activities. The two-phase program will consist of refinement of skills in the first semester and office simulation activities in the second. Training in the technical insurance aspects will be provided by a representative group of local independent insurance agents. Visitations to insurance offices, meetings and presentations by insurance agents, and an inservice component for business education teachers will be part of the project design.

AR 79 0431

Vocational Education Employment Network (Project VEEN).
Project Director: Wagner, Robert
Organization: Putnam and Northern Westchester Counties Board of Cooperative Educational Services, Yorktown Heights, N.Y.
Address: Yorktown Heights, NY 10598
Descriptors: *Career Opportunities, *Data Bases, *Educational Opportunities, *Information Networks, Information Sources, Information Storage, *Occupational Guidance, *Occupational Information, Postsecondary Education
Identifiers: Guidance Information System
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,416
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 78-2B-804

A comprehensive, computer-based guidance employment information facility will be installed to make a data bank available for retrieval by students and adults participating in occupational education programs. As a career guidance and placement tool for all students enrolled in occupational and continuing education programs, it will make available data concerning career information, postsecondary education, and placement opportunities. Through the guidance information system, students will be able to obtain a list of appropriate occupations based upon individual interests, abilities, and needs. Counselors will be trained to ensure full retrieval of desired information from the system.

Curriculum Development (Sec. 133)

AR 79 0432

Agricultural Education Curriculum Materials Development.
Project Director: McCaslin, Judith
Organization: New York State Coll. of Agriculture and Life Sciences, Ithaca
Address: B-22 Mann Library, Box D, Ithaca, NY 14850
Descriptors: *Agricultural Education, Curriculum Development, Formative Evaluation, Handicapped Students, *Industrial Technology, *Instructional Materials, *Learning Modules, *Material Development, Teacher Evaluation, *Units of Study
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $39,879
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151019

To develop courses of study in line with current industry technology, project staff will identify, with the use of subject matter committees, a minimum of ten modules of instruction for which curriculum materials need to be developed; determine the nature, format, and content of the curriculum materials selected for development; conduct a field test of the draft curriculum materials with at least five independent teacher evaluators; revise the materials; and distribute the materials to New York agriculture teachers. At least twenty-five percent of project funds will be devoted to programs for handicapped students in this area.

AR 79 0433

Curriculum Coordinator.
Project Director: Cardillo, Rocco
Organization: Yonkers Public Schools, N.Y.
Address: 145 Palmer Rd., Yonkers, NY 10701
Descriptors: Business, *Coordinators, Cost Effectiveness, Curriculum Development, *Curriculum Planning, *Educational Resources, *Inservice Teacher Education, *Job Skills, Profile Evaluation, Program Design, Sex Discrimination, Sex Stereotypes, Technological Advancement
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $44,259
Sponsoring Agency: New York State Education Dept., Albany

Based on an analysis of employability skills validated by business and industry, project staff will conduct an analysis of occupational programs and make necessary revisions for upgrading the curriculum. Skill profiles in five emerging employment opportunity areas will be reviewed, revised, and updated. Inservice programs for occupational education staff will be conducted which focus on the following need areas: eliminating sex bias and stereotyping, energy, technological advancements in business, and infusing the Instructional Support System for Occupational Education (ISSOE) format. A curriculum resource file will be maintained for the occupational education staff, who will also receive current material related to curriculum development, technological advances and teaching methodology.

AR 79 0434

Curriculum Development for Occupational Education.
Project Director: Quarles, George R.
Organization: New York City Board of Education, Brooklyn, N.Y.
Address: 110 Livingston Street, Brooklyn, NY 11201
Descriptors: Auto Mechanics (Occupation), Aviation Technology, Curriculum Development, Educational Programs, Electricity, Instructional Materials, *Learning Modules, Manpower Needs, Office Machines, Solar Radiation, *Teacher Developed Materials
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $74,633
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3C-908

Teachers and supervisors will update or develop new curriculum materials in electricity, avionics, automotive science, solar energy, and office machines using the modular approach to provide students with a diversity of training options consistent with current and anticipated job market needs. The advisory council and trade commissions will be consulted to determine occupational skills, requirements, and employment needs.

AR 79 0435

Curriculum Specialist.
Project Director: Ross, H. James
Organization: Putnam and Northern Westchester Counties Board of Cooperative Educational Services, Yorktown Heights, N.Y.
Address: BOCES Drive, Yorktown Heights, NY 10598
Descriptors: *Adult Education Programs, *Articulation (Program), Curriculum Development, *Educational Administration, Educational Needs, Educational Objectives, *Educational Programs, Educational Resources, Inservice Teacher Education, *Program Coordination, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $13,000
Sponsoring Agency: New York State Education Dept., Albany

Three separate but interrelated programs–the basic occupational program for 14-16 year olds, the technical center training program for students in grades 11-12, and the adult continuing education program–will be coordinated to create a series of articulated interdependent options for students. Project staff will coordinate local curriculum development activities, coordinate the articulation process across the various program levels, and manage special State Education Department curriculum projects. Existing curriculum goals, needs, and resources will be documented. The existing curriculum will then be assembled into workable control systems, evaluated, and revised. Additionally, inservice workshops in curriculum development will be conducted.

AR 79 0436

Curriculum Specialist in Occupational Education.
Project Director: Freedman, Michael
Organization: Rensselaer-Columbia-Green Board of Cooperative Educational Service, Castleton, N.Y.
Address: 1550 Schuurman Road, Castleton, NY 12033
Descriptors: Curriculum Development, *Disadvantaged Youth, Educational Needs, Educational Resources, Exceptional Persons, *Handicapped Students, *Inservice Teacher Education, Occupational Guidance, Program Coordination, *Program Development, Sensitivity Training, Student Needs, Systems Approach
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $4,750
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 79-3C924-65

Instructional programs in occupational education for special needs pupils and a system for career guidance will be developed. Project staff will maintain an inservice program relating to curriculum instruction and career guidance and to coordinate with local Instructional Support System for Occupational Education (ISSOE) activities. The inservice training program will address sensitization to the educational needs of all students, especially the handicapped. Other aims of the inservice training program are to develop teaching skills using a systems approach, to expose teachers to a variety of new materials and techniques, and to familiarize them with available resources.

AR 79 0437

Displaced Homemakers in New York State: Implications for Educational Planning.
Project Director: Fadale, La Verna
Organization: New York State Univ. System, Albany. Two-Year College Development Center
Address: 1400 Washington Avenue, Albany, NY 12222
Descriptors: *Adult Education, *Educational Needs, Educational Opportunities, *Educational Planning, Females, Information Dissemination, *Needs Assessment
Identifiers: *Displaced Homemakers
Funding Period: Start Date 1 Mar 79; End Date 30 Sep 79
Fiscal Year Funding: $4,890
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: CO 78-3A-1062

A report of data results, outcomes, and implications will be disseminated for use in planning or adjusting educational programs to enable displaced homemakers to achieve self-sufficiency and economic independence. Census data for each county will be used as a base to determine the number of displaced homemakers in the state. Lists of education-related needs of displaced homemakers will be developed with the cooperation of service agencies such as the Department of Labor and CETA. A questionnaire and interviews will be used to validate statistical estimates; data will be reported by county and summarized for the state.

AR 79 0438

Field Test of the Student Reporting System.
Project Director: Edsall, Alan
Organization: Cornell Univ., Ithaca, N.Y. Inst. for Research and Development in Occupational Education
Address: Stone Hall, Ithaca, NY 14853
Descriptors: Comparative Analysis, Curriculum Development, Data Analysis, *Field Studies, *Management Information Systems, *Program Improvement, *Student Records
Identifiers: *Instructional Support System for Occupational Educ
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $46,005
Sponsoring Agency: New York State Education Dept. Albany
Contract and/or Control No.: 79-3C-889-GS

A prototype comprehensive information management system to enable state agencies to plan, monitor, and redirect programmatic efforts more effectively will result from the design of a plan for field testing the Instructional Support System for Occupational Education (ISSOE) manual processing student reporting system. After designing the field test plan for two program areas, it will be reviewed with the steering committee and implemented. Data collected will be processed and distributed. Recipients will then be surveyed to determine their reactions; results will be reviewed with the steering committee and revised.

AR 79 0439

Futuring Business Education Curriculum Needs (Continuation).
Project Director: Tobias, Sigmund
Organization: CASE Institute, Graduate School and University Center, New York, N.Y.
Address: 42nd St., New York, NY 10036
Descriptors: *Business Education, *Curriculum Planning, *Educational Needs, *Educational Resources, Planning Meetings, *School Industry Relationship, Teacher Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $44,637
Sponsoring Agency: New York State Education Dept., Albany

The 1978-79 final report of the state-wide business education review committee's work containing formalized recommendations for modifications in the business education curriculum necessary to articulate the curriculum with the changing needs of business will be prepared for distribution to interested individuals by the State Education Department.

AR 79 0440

Instructional Support System for Occupational Education (ISSOE).
Project Director: McElhatten, James P.
Organization: Broome-Tioga Board of Cooperative Educational Services, Binghamton, N.Y.
Address: Upper Glenwood Rd., Box 1450, Binghamton, NY 13902
Descriptors: *Ancillary Services, Articulation (Program), Auto Mechanics (Occupation), *Behavioral Objectives, Curriculum Development, Electrical Occupations, Food Service Occupations, Health Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Office Practice, *School Industry Relationship, Sex Stereotypes, Validated Programs
Funding Period: Start Date 1 Aug 78; End Date 30 Jul 79
Fiscal Year Funding: $39,201
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151235

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are automobile mechanics, office practice, food service, health assistant, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0441

Instructional Support System for Occupational Education (ISSOE).
Project Director: Hughes, Wayne
Organization: Erie I Board of Cooperative Educational Services, Lancaster, N.Y.
Address: 2 Pleasant Ave. West, Lancaster, NY 14086
Descriptors: *Ancillary Services, Articulation (Program), *Behavioral Objectives, Cosmetology, Curriculum Development, *Instructional Systems, *Job Skills, *Learning Modules, Machine Tool Operators, Management Systems, *School Industry Relationship, Sex Stereotypes, Validated Programs, Welding
Funding Period: Start Date Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $17,500
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-152013

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are cosmetology, machine operation, and welding. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0442

Instructional Support System for Occupational Education (ISSOE).

Project Director: Komendarek, Edwin
Organization: Herkimer County Board of Cooperative Educational Services, N.Y.
Address: Gros Blvd., Herkimer, NY 13350
Descriptors: *Ancillary Services, Articulation (Program), Auto Mechanics (Occupation), *Behavioral Objectives, Cosmetology, Curriculum Development, Data Processing, Electrical Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Machine Tool Operators, Management Systems, Practical Nursing, *School Industry Relationship, Validated Programs, Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: 337,350
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-152060

To prepare students with the knowledge, skills, and understanding directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are cosmetology, data processing, licensed practical nurse, machine operator, small engines, welding, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0443

Instructional Support System for Occupational Education (ISSOE).
Project Director: Wolff, Frank
Organization: Nassau Board of Cooperative Educational Services, Westbury, N.Y.
Address: Valentines Rd. & Plain Rd., Westbury, NY 11590
Descriptors: *Ancillary Services, Articulation (Program), *Behavioral Objectives, Curriculum Development, Electrical Occupations, Electronics, Graphic Arts, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Radio, *School Industry Relationship, Sex Stereotypes, Television, Validated Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $59,450
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C152018

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are graphics, radio electronics, television, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0444

Instructional Support System for Occupational Education (ISSOE).
Project Director: Quarles, George R.
Organization: New York City Board of Education, Brooklyn, N.Y.
Address: 110 Livingston St., Brooklyn, NY 11201
Descriptors: *Ancillary Services, Articulation (Program), Auto Mechanics (Occupation), *Behavioral Objectives, Curriculum Development, Electronics, Food Service Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Printing, *School Industry Relationship, Sex Stereotypes, Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $94,126
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C151699

ISSOE modules in printing and electronics will be developed by 100 teachers recruited by the project staff, materials in food and automotive ISSOE programs will be developed and field tested by fifty teachers under the direction of a coordinator, and V-TECS materials will be reviewed to determine how they can be integrated into the ISSOE curriculum. Three workshops will be conducted to enable participants to identify entry-level, job-related competencies.

AR 79 0445

Instructional Support System for Occupational Education (ISSOE).
Project Director: Celabrese, William
Organization: Orange/Ulster County Board of Cooperative Educational Services, Goshen, N.Y.
Address: Gibson Rd., Goshen, NY 10924
Descriptors: *Ancillary Services, Articulation (Program), *Behavioral Objectives, Curriculum Development, Electrical Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Radio, *School Industry Relationship, Sex Stereotypes, Television, Validated Programs
Identifiers: Lithographers
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $51,851
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C150796

to prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are graphics, letterpress, offset lithography, radio and television, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex- role stereotyping, and articulate with postsecondary institutions.

AR 79 0446

Instructional Support System for Occupational Education (ISSOE).
Project Director: Reilly, Terence
Organization: Oswego County Board of Cooperative Services, Mexico, N.Y.
Address: Box 488, Mexico, NY 13114
Descriptors: *Ancillary Services, Auto Mechanics (Occupation), *Behavioral Objectives, Carpenters, Curriculum Development, Educational Administration, Educational Needs, Educational Resources, Electrical Occupations, Health Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Office Practice, Retailing, *School Industry Relationship, Sex Stereotypes, Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $62,458
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151729

To prepare students with the knowledge, skills, and understandings directly related to employment needs, ISSOE materials will continue to be provided to all appropriate agencies in Planning Region IX. Project staff will coordinate teacher activities related to designing and implementing instructional modules, define and coordinate instructional materials validation by business and industry professionals, and identify inservice training needs. Occupational modules to be developed in ISSOE format are automobile mechanics, carpentry, office practice, retailing, health assistant, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0447

Instructional Support System for Occupational Education (ISSOE).
Project Director: Clarke, Albert J.
Organization: Saratoga-Warren Board of Cooperative Educational Services, F. Donald Myers Center, Wilton, N.Y.
Address: Henning Rd., Wilton, NY 12866
Descriptors: *Ancillary Services, *Behavioral Objectives, Curriculum Development, Electrical Occupations, Graphic Arts, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Radio, *School Industry Relationship, Sex Stereotypes, Television, Validated Programs
Funding Period: Start Date 15 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $67,100
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C 149846

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Major performance objectives will be refined to include activities which enable the competency to be

understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0448

Instructional Support System for Occupational Education (ISSOE).

Project Director: Dennis, George
Organization: Schuyler-Chemung-Tioga Board of Cooperative Educational Services, Elmira, N.Y.
Address: 431 Philo Rd., Elmira, NY 14903
Descriptors: *Ancillary Services, Articulation (Program), Auto Mechanics (Occupation), *Behavioral Objectives, Curriculum Development, Data Processing, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Plumbing, *School Industry Relationship, Secretaries, Sex Stereotypes, Tractors, Validated Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,034
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-151229

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are secretarial, data processing, automobile body, plumbing, small engines, and tractor mechanics. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0449

Instructional Support System for Occupational Education (ISSOE).

Project Director: Sullivan, Arthur D.
Organization: Suffolk Board of Cooperative Educational Services, Dix Hills, N.Y.
Address: 507 Deer Park Rd., Dix Hills, NY 11746
Descriptors: *Ancillary Services, Articulation (Program), *Behavioral Objectives, Curriculum Development, Electrical Occupations, Electronics, Graphic Arts, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, Radio, *School Industry Relationship, Sex Stereotypes, Television, Validated Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $57,763
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C150640

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are graphics, radio electronics, television, and electrical trades. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0450

Instructional Support System for Occupational Education (ISSOE).

Project Director: Cardillo, Rocco
Organization: Yonkers Public Schools, N.Y.
Address: 145 Palmer Rd., Yonkers, NY 10701
Descriptors: *Ancillary Services, Articulation (Program), Auto Mechanics, *Behavioral Objectives, Carpenters, Cosmetology, Curriculum Development, Data Processing, Food Service Occupations, *Instructional Systems, *Job Skills, *Learning Modules, Management Systems, *School Industry Relationship, Sex Stereotypes, Validated Programs
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $63,175
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: C-150747

To prepare students with the knowledge, skills, and understandings directly related to employment needs, project staff will prepare teacher-generated occupational modules of instruction validated by industry, develop a management system for using these modules, and establish student competency files for individuals enrolled in the occupational courses. Occupational modules to be developed in ISSOE format are data processing, cosmetology, small engines, carpenter construction, and food service. Major performance objectives will be refined to include activities which enable the competency to be understood by students, educators, and business and industry personnel. Teacher training institutions will be involved in the project. A regional coordinator will organize a delivery plan for introducing ISSOE materials, provide measures to eliminate sex-role stereotyping, and articulate with postsecondary institutions.

AR 79 0451

Instructional Support System for Occupational Education (ISSOE) Area Facilitator.

Project Director: Borum, John
Organization: New York Inst. of Tech., Old Westbury
Address: P.O. Box 170, Weatty Rd., Old Westbury, NY 11568
Descriptors: *Ancillary Services, Coordinators, Curriculum Development, Educational Needs, *Educational Programs, *Educational Resources, Employment Qualifications, Human Resources, *Inservice Teacher Education, *Instructional Systems, *Job Skills, Needs Assessment, Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $27,647
Sponsoring Agency: New York State Education Dept., Albany
Contract and/or Control No.: 152237

Working toward the development of curriculum more directly related to employment requirements, project staff will provide specific support services within the general New York State Instructional Support System for Occupational Education (ISSOE) plan, advise or provide assistance to regional coordinators through human and material resources, assist coordinators with implementing the regional work plan, identify formal inservice needs and provide or make recommendations for provisions, and conduct summer inservice workshops for teacher participants.

AR 79 0452

Vocational-Technical Education Consortium of States (V-TECS).

Project Director: Losh, Charles
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Address: 795 Peach Tree St., N.E., Atlanta, GA
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, Consortia, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Georgia State Dept. of Education, Atlanta
Contract and/or Control No.: CL42414

To prepare students with the skills, knowledge, and understanding related to employment needs, project staff will develop a program for producing catalogs of performance objectives, criterion-referenced measures, and performance guides in occupational education; provide assistance in the design and implementation of inservice training programs and diffusion models; and produce a contract for availability of loose-leaf, mass-produced catalogs of performance objectives. The seventeen member states of the consortium will develop competency-based instructional packages, and materials developed from all member states will be an integral part of a state-wide dissemination and implementation process.

NORTH CAROLINA

Research (Sec. 131)

AR 79 0453

Dissemination of Occupational Education Research Information through the "Community College Review."
Project Director: Boone, Edgar J.
Organization: North Carolina State Univ., Raleigh
Address: Raleigh, NC 27650
Descriptors: *Adult Basic Education, *Community Colleges, *Educational Research, *Information Dissemination, *Periodicals, *Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 1 Jul 79
Fiscal Year Funding: $13,988
Note: This project also received $13,998 from Adult Basic Education for FY 1979.
Sponsoring Agency: North Carolina State Department of Education, Raleigh
Contract and/or Control No.: 070678-79-NCSUACCE-B

The purpose of this project is to disseminate occupational education research, adult basic education, and other community college and technical institute information by providing partial support for the continued development and publication, on a quarterly basis, of the "Community College Review." The "Community College Review" will (1) provide a forum for indepth discussion of current and emerging issues in community college education, (2) apply research findings to the solution of problems related to community college education, (3) disseminate the results of critical thinking and research findings to practitioners and others who are interested in the field, and (4) serve as a means for further development of community college education as a profession. An editor, managing editor, research assistant, and secretary will be appointed by the head of the Department of Adult and Community College Education. An Editorial Board, appointed jointly by the head of the Department of Adult and Community College Education and the state president of the North Carolina Department of Community Colleges, will be composed of recognized state and national authorities in the field of community college education and will assist in establishing editorial policy, securing and screening articles for publication, and ensuring high quality of the publication.

AR 79 0454

North Carolina Rural Renaissance Project–Phase III.
Project Director: Moretz, H. Lynn
Organization: Central Piedmont Community Coll., Charlotte, N.C.
Address: P.O. Box 4009, Charlotte, NC 28204
Descriptors: *Adult Basic Education, *Audiovisual Aids, Community Colleges, Educational Needs, *Learning Modules, *Needs Assessment, Postsecondary Education, *Rural Education, Skill Development, *Staff Improvement, Teacher Developed Materials, Technical Institutes, Workshops
Funding Period: Start Date 1 Jul 78; End Date 1 Jul 79
Fiscal Year Funding: $48,735
Note: This project also received $163,653 from ABE and $189,919 in other funds for FY 1979.
Sponsoring Agency: North Carolina State Dept. of Education, Raleigh
Contract and/or Control No.: 060778-79-C

Phase III of this project will further develop and expand the North Carolina Rural Renaissance Consortium, the purpose of which is to develop staff competencies leading to the design, production, and field testing of audiovisual instructional modules in occupational and adult basic education for state-wide dissemination via existing and projected technology. Objectives of this phase are to (1) draw upon and further develop the experience and talent generated in Phases I and II of the project in order to conduct a needs assessment to identify three courses, each consisting of approximately twenty-six to thirty modules of instruction pertinent to the educational needs of North Carolinians as well as others throughout the country, and use the existing ten North Carolina Rural Renaissance Project (NCRRP) institutions to outline, design, and identify module topics for one complete audiovisual course in each of the three NCRRP regions under the coordination and direction of the three regional coordinating institutions and Central Piedmont Community College; (2) identify two additional institutions in each of the existing three regions to begin staff development and module- production activities modeled after the Phase I and II experience; and (3) conduct field tests of the modules produced in Phases I and II of the NCRRP in up to eight community colleges and technical institutes that are engaged in CETA-funded literacy projects. The project director will be made available, upon reasonable request and prior notice, to serve as a resource person for workshops, conferences, institutes, and association meetings planned and sponsored by groups within the North Carolina Community College System. One copy of each module produced will be provided to the Department of Community College Consortium for Sharing Instructional Materials for state-wide dissemination, and a final report will be produced.

AR 79 0455

Project Probe.
Project Director: Dickens, Kenneth D.
Organization: High Point Public Schools, N.C.
Address: P.O. Box 789, High Point, NC 27261
Descriptors: Certification, Community Agencies (Public), Community Resources, *Computer Managed Instruction, *Educational Administration, Information Dissemination, *Models, *Performance Based Education, *Publications, *Staff Improvement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $94,349
Sponsoring Agency: North Carolina State Board of Education, Raleigh
Contract and/or Control No.: NC-ORU-131-002

A publication will be produced to describe the development of a regional staff development model consisting of three basic components–needs assessment, planning, and resource identification–which vocational directors, principals, supervisors, and superintendents may use to plan individualized staff development programs capitalizing on local resources such as businesses, industries, technical colleges, universities, and community agencies. Four additional components–vocational reading, disadvantaged/handicapped, classroom management skills, and history and philosophy for administrators–will be developed to address group needs through workshops. A computer-managed delivery system using performance based teacher education modules produced by the Ohio State University will be developed to be used to offer certification courses. Plans for disseminating the field-tested materials throughout North Carolina will be included.

NORTH DAKOTA

Research (Sec. 131)

AR 79 0456

Curriculum Master Plan for Senior High School Industrial Arts Programs in North Dakota.
Project Director: Bender, Myron
Organization: North Dakota Univ., Grand Forks
Address: Grand Forks, ND 58202
Descriptors: *Articulation (Program), Course Content, *Curriculum Planning, *Educational Programs, Educational Resources, Elementary Secondary Education, *Industrial Arts, Instructional Materials, *Master Plans, Material Development, Needs Assessment, Senior High Schools, *Trade and Industrial Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,434
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-80

Objectives of the project are to (1) assess the need for industrial arts programs at the senior level in North Dakota schools and to develop a master plan for industrial arts to be articulated with the vocational trade and industrial offerings; (2) determine the eligibility and criteria for financing industrial arts programs under vocational education guidelines; (3) establish the rationale, objectives, and content parameters for industrial arts programs and courses; and (4) develop the needed instructional resources and establish guidelines for the development of instructional materials for industrial arts to include in inservice activities. A Master Plan committee will be established by October 19, 1978. A survey instrument will be formulated to determine the present industrial arts courses offered in North Dakota schools. Meetings will be held to establish the parameters for the new vocational industrial arts articulation programs. Extensive committee member involvement including input from instructors in the field will be required and a writing session for the development of the final Master Plan will be held in the latter part of spring 1979.

AR 79 0457

Establishment of a Consumer Information Dissemination Plan for Teachers.
Project Director: Simonson, Ailsa
Organization: North Dakota State Laboratories, Bismarck
Address: Bismarck, ND 58505
Descriptors: *Consumer Education, Home Economics Education, *Home Economics Teachers, *Information Dissemination, *Information Systems, Needs Assessment, *Program Planning, *Systems Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-75

Two area meetings will be held to gather information from representatives of consumers and vocational home economics educators in North Dakota regarding their needs in the area of consumer education. The project will determine the assistance needed to provide better consumer education to students as well as the type and amount of consumer education information currently available and ways to improve it. A plan for dissemination of consumer education will be structured by a core group from data gathered at the two meetings. Project personnel will implement the plan through North Dakota school systems.

AR 79 0458

Identification and Determination of the Needs of Displaced Homemakers in North Dakota–Phase II.
Project Director: Bjork, Del
Organization: Minot Public Schools, N. Dak.
Address: Minot, ND
Descriptors: *Data Collection, Demography, Employment Potential, Females, Financial Needs, *Job Training, *Needs Assessment, *State Surveys, *Unemployed
Identifiers: *Displaced Homemakers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,825
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-73-B

By using an instrument developed under a previous grant, project staff will conduct a survey to determine the number of full-time homemakers who are now without a source of income, determine the place of residence for the identified displaced homemakers, determine assistance needed to help them, and assess the financial needs and job training necessary to make displaced homemakers employable. The survey will be conducted on a state-wide basis using a random sampling technique. Project staff will provide a final report, containing data on the number and demographic variables of displaced homemaker, to the State Board for Vocational Education and other state agencies and will formulate a plan for implementing a program of instruction for displaced homemakers in North Dakota.

Exemplary and Innovative (Sec. 132)

AR 79 0459

Agribusiness Careers.
Project Director: Gableman, Jack
Organization: Grand Forks Public Schools, N. Dak.
Address: Grand Forks, ND 58201
Descriptors: *Agribusiness, Articulation (Program), Career Opportunities, Community Study, *Educational Programs, *Employment Opportunities, Information Dissemination, *Needs Assessment, School Systems, Secondary Education, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,600
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-78

The project will attempt to determine the needs of a large school system that does not offer an agribusiness program to its students in terms of determining what courses should be provided. The project has been established as a forerunner of developing an agribusiness program in the Grand Forks school systems. The proposed project will attempt to determine the community needs and occupational opportunity for graduates of a high school agricultural program which is to be initiated in approximately three years time. Project staff will use middle school students as the basis for providing an understanding of the agricultural community and opportunities for employment. Students will study the agricultural methods and manufacturing or marketing procedures used by agricultural industry and management personnel. On the basis of the information provided to the students and that gathered by the project staff, the school personnel will be able to determine the needs for establishing an agricultural program in the Grand Forks school systems.

AR 79 0460

Alternate Approach for Agriculture Students in a Multi-District Center.
Project Director: Hunt, Jim
Organization: Lake Area Vocational Center, Devils Lake, N. Dak.
Address: Devils Lake, ND 58301
Descriptors: *Cost Effectiveness, *Educational Alternatives, *Enrollment, Grade 9, Grade 10, Program Effectiveness, *School Community Cooperation, Secondary Education, *Student Recruitment, *Vocational Agriculture
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $14,062
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: R.R. 84

The major objective of this project is to involve students from two schools in a modified ninth and tenth grade agricultural program at their respective schools, thus establishing a model which can be used by other vocational centers to increase the potential enrollment in their vocational agriculture programs. A teacher will be hired to teach two-hour blocks of vocational agriculture at the two participating schools. Center staff will sponsor leadership activities in an effort to involve students in the program to a greater extent both

at their respective schools and at the vocational center. Other specialized courses will be taught and will include using area farms for production agriculture and the center for horticulture units. A final report will be developed which will outline components taught and an appraisal of the relative effectiveness of this procedure and a cost analysis based on the actual expenditures involved in the program's operation will be submitted to aid in determining the feasibility of this approach.

AR 79 0461

Audiovisual Aids for Special Needs Students in Occupational Home Economics (Continuation).
Project Director: Butts, Richard
Organization: Magic City Campus, Minot, N. Dak.
Address: Minot, ND 58701
Descriptors: *Audiovisual Aids, Curriculum Development, *Disadvantaged Youth, *Handicapped Students, Inservice Teacher Education, *Instructional Materials, *Material Development, *Occupational Home Economics, Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-59-B

The second year of this project will develop instructional materials supplemented by audiovisual aids for special needs students in home economics. The complete set of all instructional materials, including a slide/tape series, will be available for all North Dakota school systems for purchase at cost. Inservice workshops on the use of special materials for handicapped and disadvantaged students will be established.

AR 79 0462

Demonstration and Research for Indian Vocational Education Curriculum Utilization.
Project Director: Minhas, Jasjit
Organization: United Tribes Educational Technical Center, Bismarck, N. Dak.
Address: Bismarck, ND 58501
Descriptors: *American Indians, Auto Mechanics (Occupation), Building Trades, *Core Curriculum, *Curriculum Research, Instructional Materials, *Program Effectiveness, *Program Evaluation, Teaching Methods, *Units of Study, Vocational Training Centers, Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,427
Sponsoring Agency: North Dakota State Board of Vocational Education, Bismarck
Contract and/or Control No.: RR-77

Objectives are to (1) determine the effectiveness of the unit of instruction approach to curriculum instruction for native Americans in a controlled educational environment and (2) explore the possibilities of using Oklahoma-based instructional material in an educational setting for Indians, for the purpose of determining its use as a basic core curriculum. The project will purchase Oklahoma state curriculum materials in the areas of construction, welding, and auto body repair. These materials will be used as the instructional mode for Indian students at United Tribes Educational Training Center as a demonstration of the effectiveness of the unit of instruction approach. Various methods for providing the learning experience will be explored. Each student in the classes will receive a student copy of the instructional materials and will follow that course for the entire year to determine how much progress is made as opposed to former instructor-developed materials which have been used in the past.

AR 79 0463

Educational Program to Serve Adults in Sparsely Populated Areas in North Dakota.
Project Director: Haakenson, Harvey
Organization: Bismarck Junior College, Bismarck, N. Dak.
Address: Bismarck, ND 58501
Descriptors: *Adult Education Programs, *Adult Farmer Education, *Depressed Areas (Geographic), *Disadvantaged Groups, Farmers, *Farm Management, *Needs Assessment, Program Development, Rural Areas, Rural Population, Surveys
Identifiers: Ranchers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,584
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-76

The purposes of the project are to (1) assess the need for Farm Management programs at the adult level; (2) determine necessary modifications and changes in the present Farm Management program to make it suitable for underprivileged individuals; and (3) develop a research technique that can measure the value of Farm Management programs for disadvantaged persons. The project personnel will develop a survey instrument to determine the needs and wants of farms and/or ranchers in economically depressed or sparsely populated areas in North Dakota. They will conduct four one-day meetings utilizing a selected committee to discuss the problems of providing an agricultural program for disadvantaged people and will visit a successfully operating Farm Management program for disadvantaged persons in the United States.

AR 79 0464

Student Vocational Organizational Model Plan.
Project Director: Kohns, Donald
Organization: North Dakota Univ., Grand Forks. Business and Vocational Education Department
Address: University of North Dakota, Business and Vocational Education Department, Grand Forks, ND 58202
Descriptors: *Ancillary Services, *Coordinators, *Educational Coordination, Evaluation Methods, Group Activities, *Models, Program Development, *Program Planning, Sequential Approach, *Student Organizations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-79

This project will develop a comprehensive plan for offering coordination and support services to North Dakota student vocational organizations to include (1) prioritized and sequential series of coordination and support services to complete yearly programs of work for student organizations; (2) development of a job description for a coordinator; and (3) development of a procedural manual containing activity planning, implementation, and evaluation policies and sample forms and checklists to serve as a guide for various activities. The project will identify the activities required to complete yearly programs of work by utilizing existing Vocational Education Organizational Handbooks, guidelines, and applicable publications, along with recommendations from state staff and advisors. A job description will then be formulated for the Vocational Student Organization Coordinator and will be followed and/or refined during the course of the project to determine a final description of the coordinators position. The coordinator will be responsible for developing a comprehensive procedural plan for all student organization activities such as statewide and national meetings.

Curriculum Development (Sec. 133)

AR 79 0465

Curriculum Development Project in Vocational Agriculture and Agribusiness (Continuation).
Project Director: Luft, Vernon
Organization: North Dakota State Univ., Fargo. Agricultural Education Dept.
Address: Fargo, ND 58102
Descriptors: *Agribusiness, *Core Curriculum, Curriculum Development, *Educational Programs, *Instructional Materials, Needs Assessment, Program Development, Questionnaires, School Surveys, School Systems, Secondary Education, *Units of Study, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-74-B

This project is to be the first year of a multi-year, curriculum upgrading activity in the state of North Dakota for the agricultural education program area. The project will determine (1) what units of instruction are currently in use on a statewide basis; (2) what units of instruction need to be revised for use on a statewide program; and (3) what units of instruction are not available for use in the state of North Dakota and develop such units. Project personnel will use the results of a survey questionnaire to formalize their methods in establishing a procedure to upgrade the existing agricultural education program in North Dakota. The secondary school systems in the state of North Dakota have been surveyed regarding the amount of use made by units of instruction based on the Oklahoma format so that a common basic core instructional program may be implemented in the school systems. A number of the basic core units available from the state of Oklahoma in their series Ag I - Ag IV are in use at the present time, but a number of them are not compatible to the needs of the state of North Dakota agricultural programs. Those that do not fit the program specifically will be revised or a new unit of instruction will be written to meet the needs of the state of North Dakota.

AR 79 0466

Curriculum for Independent Living.
Project Director: Cilz, Kathy A.
Organization: Grand Forks Public Schools, N. Dak.
Address: Grand Forks, ND 58201
Descriptors: *Adult Basic Education, Curriculum Development, Curriculum Guides, *Daily Living Skills, *Educational Resources, *Home Economics Skills, Instructional Materials, Instructional Media, Material Development, Program Development, Secondary Education, Teacher Participation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,500
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-81

A curriculum outline for a course in independent living will be developed and distributed to the RCU for state-wide and nationwide dissemination as a result of this project. A task force, composed of North Dakota home economics instructors, will review and evaluate available resources, such as curriculum guides and other educational media, develop a scope and sequence for an independent-living course on a semester and yearly basis and compile and develop curriculum materials which contain ideas for resources and teaching techniques in conjunction with the scope and sequence materials developed earlier. An evaluation method will be used to field test the developed materials during the last nine weeks of the 1978-1979 school year. A study of the results and recommendations for implementation will be presented.

AR 79 0467

Development of a Common Program of Study for Graphic Arts in North Dakota.
Project Director: Gableman, Jack
Organization: Grand Forks Public Schools, N. Dak.
Address: Grand Forks, ND 58201
Descriptors: *Core Curriculum, Curriculum Development, *Graphic Arts, Inservice Teacher Education, *Instructional Materials, Secondary Education, State Supervisors, Teacher Participation, *Units of Study
Identifiers: Mid America Vocational Curriculum Consortium
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-82

The major objective of this project is to develop a basic core curriculum or adopt a set of instructional materials which can be used as a basic core curriculum for graphic arts programs in secondary schools in North Dakota. A committee of graphic arts instructors will be established for the purpose of reviewing existing curriculum materials. This committee will evaluate the materials and will recommend a basic core instructional unit for North Dakota secondary schools. The unit of instruction approach as used by Mid-America Vocational Curriculum Consortium or the Oklahoma State Department curriculum materials will be considered as the prime instructional methodology. Recommendations of the committee will be provided to state supervisors as the basic core of instruction for graphic arts programs.

AR 79 0468

Development of a Common Program of Study for Office Occupations in North Dakota (Continuation).
Project Director: Skarp, Tom
Organization: Southeast Vocational Center, Oakes, N. Dak.
Address: Oakes, ND 58474
Descriptors: Comprehensive Programs, *Core Curriculum, Curriculum Development, *Curriculum Evaluation, *Curriculum Guides, Inservice Teacher Education, Instructional Materials, Learning Modules, Office Machines, *Office Occupations Education, *Performance Based Education, *Reprography
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $4,300
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: R.R.-64

Project staff will continue to evaluate existing office education manuals which meet the criteria established for curriculum material in North Dakota schools. Specific topics for the second phase of the project will center around office duplicating procedures. Consultants will develop an overall scope and sequence for materials adopted during Phase I and Phase II to provide a matrix on which a common core program can be established. Materials contained in the comprehensive instructional package will be competency-based and performance oriented, and will parallel industry situations. The package includes student materials based on the instructor's manuals, and will be provided to schools along with a final report. The final report will be distributed to other audiences on a national basis. An inservice workshop for all state instructors will be held in August 1979.

AR 79 0469

Development of a Common Program of Study for Welding in North Dakota Secondary Schools.
Project Director: Hunt, Jim
Organization: Lake Area Vocational-Technical Center, Devils Lake, N. Dak.
Address: Devils Lake, ND 58301
Descriptors: *Core Curriculum, Curriculum Development, *Curriculum Guides, Inservice Teacher Education, *Instructional Materials, Material Development, Program Development, Secondary Education, Units of Study, *Welding
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: North Dakota State Board for Vocational Education, Bismarck
Contract and/or Control No.: RR-83

A common core of instructional materials for welding programs at the secondary level in North Dakota schools will be developed through a review process. A course outline describing the units of instruction will be provided to each instructor in North Dakota and the recommended units of instruction will be used in inservice training during the All Service Conference in August 1979. A committee established for developing the welding basic core materials, will review existing curriculum available from other state agencies and determine which is most suitable to be accepted as the basic core of instruction for North Dakota secondary programs. The major emphasis on the selection of instructional materials will be that the proposed materials follow the accepted unit of instruction process adopted by North Dakota State Board of Vocational Education as the basis of instruction.

OHIO

Exemplary and Innovative (Sec. 132)

AR 79 0470

Career Development Program K-10.
Project Director: Tarantine, James A.
Organization: Mansfield City Schools, Ohio
Address: 53 West Fourth Street, Mansfield, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $29,475
Note: This project also received $71,427 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-20-79

The Mansfield City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation, and learner outcomes will be evaluated and reported. The project will provide locally produced materials, informational brochures, units, and activities upon request.

AR 79 0471

Career Development Program K-10.
Project Director: Morehead, Charles
Organization: Maysville Local School District, South Zanesville, Ohio
Address: 2739 Pinkerton Road, South Zanesville, OH 43701
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,840
Note: This project also received $29,240 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-21-79

The Maysville Local School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test will be administered for project evaluation. Locally developed information and materials will be disseminated to cover development programs in Ohio.

AR 79 0472

Career Development Program K-10.
Project Director: Yelic, Samuel
Organization: Medina City Schools, Ohio
Address: P.O. Box 408, Medina, OH 44256
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,154
Note: This project also received $19,653 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-23-79

The Medina City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported. Project-developed information and materials will be provided to other funded programs and to private and non-profit schools in the district.

AR 79 0473

Career Development Program K-10.
Project Director: Hoops, Dennis
Organization: Medina County Joint Vocational School District, Ohio
Address: 1101 West Liberty Street, Medina, OH 44256
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $32,000
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-22-79

The Medina County Joint Vocational School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Project staff will answer evaluation questions for each objective, and learner outcomes will be evaluated and reported.

AR 79 0474

Career Development Program K-10.
Project Director: Vought, Donald
Organization: North Canton City Schools, Ohio
Address: 605 Fair Oaks, S.W., North Canton, OH 44720
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,790
Note: This project also received $50,930 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-25-79

The North Canton City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Sophomores will spend three weeks in each of twelve offerings at Hoover High School North Campus. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation. The Ohio Career Education Test and a teacher's evaluation survey will be administered for project evaluation; learner outcomes will be evaluated and reported. Project staff will provide materials and information to other funded career development programs.

AR 79 0475

Career Development Program K-10.
Project Director: Wade, Howard E.
Organization: Orrville City School District, Ohio
Address: 815 North Ella Street, Orrville, OH 44667
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,113
Note: This project also received $11,195 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-26-79

The Orrville City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test, the PRIDE review technique, a student survey, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported. Project information will be disseminated to all interested persons.

AR 79 0476

Career Development Program K-10.
Project Director: Arnold, Steven V.
Organization: Paint Valley Local Schools, Bainbridge, Ohio
Address: Bainbridge, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,840
Note: This project also received $15,068 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-27-79

The Paint Valley Local Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Curriculum materials and resource guides will be developed. A third-party evaluator will use questionnaires for students, teachers, and administrators; the Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0477

Career Development Program K-10.
Project Director: Black, James S.
Organization: Parma Public Schools, Ohio
Address: Parma, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $75,789
Note: This project also received $115,890 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-28-79

The Parma Public Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported. Programs and materials will be listed in the Career Education Association's publication of available materials.

AR 79 0478

Career Development Program K-10.
Project Director: Carr, Gary
Organization: Perry Local Schools, Ohio
Address: Perry, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum,

*Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,840
Note: This project also received $23,975 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-29-79

The Perry Local Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The advisory council and the State Department of Education will review the project; staff, students, and community members will participate in information project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0479

Career Development Program K-10.
Project Director: Glover, Samuel
Organization: Princeton City School District, Cincinnati, Ohio
Address: Cincinnati, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,131
Note: This project also received $33,662 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-31-79

The Princeton City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. Internal evaluation will be conducted with career tests and other evaluation techniques, and learner outcomes will be evaluated and reported.

AR 79 0480

Career Development Program K-10.
Project Director: Nord, Larry E.
Organization: Pymatuning Valley Local School District, Andover, Ohio
Address: Andover, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,880
Note: This project also received $16,035 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-30-79

The Pymatuning Valley Local School District career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. All ninth graders will attend Ashtabula County Joint Vocational School for one week. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; project personnel will review the program; and learner outcomes will be evaluated and reported.

AR 79 0481

Career Development Program K-10.
Project Director: Kallner, Brenda
Organization: Scioto County Joint Vocational School District, Lucasville, Ohio
Address: P.O. Box 766, Lucasville, OH 45648
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,240
Note: This project also received $34,627 in state funds and $9,690 in Com D funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-24-79

The Scioto County Joint Vocational School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation. The Ohio Career Education Test and a teacher's evaluation survey will be administered for project evaluation; learner outcomes will be evaluated and reported. Project-developed information and materials will be available for other funded career development programs in Ohio, and newsletters will be disseminated throughout the attendance area.

AR 79 0482

Career Development Program K-10.
Project Director: Bullock, Jean
Organization: Scioto-Darby City Schools, Hilliard, Ohio
Address: Hilliard, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,281
Note: This project also received $18,168 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-33-79

The Scioto-Darby City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8,

activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; learner outcomes will be evaluated and reported.

AR 79 0483

Career Development Program K-10.
Project Director: Leighty, William E.
Organization: Sidney City School District, Ohio
Address: 320 East North Street, Sidney, OH 45365
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,160
Note: This project also received $55,845 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-34-79

The Sidney City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The program director will set up evaluation techniques; the PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0484

Career Development Program K-10.
Project Director: Doerr, Warren F.
Organization: South-Western City School District, Grove City, Ohio
Address: 465 Kingston Avenue, Grove City, OH 43123
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $44,106
Note: This project also received $93,828 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-35-79

The South-Western City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Program for Improvement, Development, and Expansion in Career Education, the Ohio Career Education Test, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0485

Career Development Program K-10.
Project Director: Degenhart, George A.
Organization: Springfield City Schools, Ohio
Address: Springfield, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $40,251
Note: This project also received $100,420 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-36-79

The Springfield City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0486

Career Development Program K-10.
Project Director: Corbett, Patrick
Organization: Stow City Schools, Ohio
Address: 3732 Darrow Road, Stow, OH 44224
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $11,385
Note: This project also received $26,355 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-38-79

The Stow City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0487

Career Development Program K-10.
Project Director: McCombs, Daniel L.
Organization: Tallmadge City Schools, Ohio
Address: 486 East Avenue, Tallmadge, OH 44278
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $20,340
Note: This project also received $50,700 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-37-79

The Tallmadge City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0488

Career Development Program K-10.
Project Director: Roman, Jama
Organization: Toledo City School District, Ohio
Address: Toledo, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $47,304
Note: This project also received $114,235 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-39-79

The Toledo City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0489

Career Development Program K-10.
Project Director: Zockle, Michael A.
Organization: Warren City Schools, Ohio
Address: Warren, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $38,151
Note: This project also received $81,960 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-40-79

The Warren City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Resources will include Explorer Scouts, Junior Achievement, and vocational education laboratories. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation; records of all program activities will be monitored by the program coordinator and career specialists; and learner outcomes will be evaluated and reported.

AR 79 0490

Career Development Program K-10.
Project Director: Reid, Paul
Organization: Washington County Joint Vocational School District, Marietta, Ohio
Address: Marietta, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,441
Note: This project also received $28,842 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-41-79

The Washington County Joint Vocational School K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0491

Career Development Program K-10.
Project Director: Cicek, Louis S.
Organization: Willoughby-Eastlake School District, Willoughby, Ohio
Address: 37047 Ridge Road, Willoughby, OH 44094
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student

Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $36,228
Note: This project also received $83,371 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-42-79

The Willoughby-Eastlake City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test, the PRIDE review technique, questionnaires to students, teachers, administrators, and business and industry representatives, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported. Materials developed by or purchased for the program are listed in the "Career-/Economic Education Resource Material Guide."

AR 79 0492

Career Development Program K-10.
Project Director: Wellman, Florence M.
Organization: Wyoming City Schools, Cincinnati, Ohio
Address: Cincinnati, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,200
Note: This project also received $24,290 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-43-79

The Wyoming City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; an internal evaluation by project participants, staff, and parents will be conducted; the PRIDE review techniques and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported. Materials and pilot projects developed within the program will be shared with other funded programs.

AR 79 0493

Career Development Program K-10.
Project Director: Malie, Joseph
Organization: Youngstown City Schools, Ohio
Address: 20 West Wood Street, Youngstown, OH 44503
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $28,314
Note: This project also received $66,661 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-44-79

The Youngstown City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The PRIDE review technique, questionnaires, surveys, and other evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0494

Career Development Program K-10.
Project Director: Topougis, Nicholas
Organization: Akron City Schools, Ohio
Address: Akron, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $85,789
Note: This project also received $113,699 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-1-79

The Akron City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of selected occupational clusters, work experience, and value and interest clarification. "Swim and Gym" and "Project Business" will be featured. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Program information will be disseminated through a monthly career education newsletter and through "Career Education News" and "Akron Regional Development Board Newsletter". Staff will provide quarterly evaluation reports; the Ohio Career Development Test and the Program Review of Career Education will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0495

Career Development Program K-10.
Project Director: Caster, Richard J.
Organization: Canton City Schools, Ohio
Address: 800 Market Avenue, North, Canton, OH 44702
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $47,880
Note: This project also received $73,201 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-3-79

The Canton City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness

about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. Testing instruments designed for the career development program will be used for evaluation. The Ohio Career Education Test and the PRIDE review technique will also be administered for project evaluation, and learner outcomes will be evaluated and reported.

AR 79 0496

Career Development Program K-10.
Project Director: Gilbert, James W.
Organization: Carlisle Local School District, Ohio
Address: Carlisle, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,690
Note: This project also received $11,702 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-8-79

The Carlisle Local School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test, unit plan evaluation, and teacher and student questionnaires will be administered for project evaluation; and learner outcomes will be evaluated and reported. The program will develop and field test new career related curriculum material for dissemination locally and state-wide.

AR 79 0497

Career Development Program K-10.
Project Director: Watson, Maxine
Organization: Cincinnati Public Schools, Ohio
Address: Cincinnati, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $44,376
Note: This project also received $147,143 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-4-79

The Cincinnati Public Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The Ohio Career Information System is used in the orientation and exploration components. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. Schools will participate in Project Business, Junior Achievement, and Explorer Scouts. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. Teacher observation and rating techniques and standardized instruments recommended by the State Career Development Service will be used. The PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation, and learner outcomes will be evaluated and reported. Curriculum guides and materials will be available for dissemination.

AR 79 0498

Career Development Program K-10.
Project Director: Bellin, Allan
Organization: Cleveland Heights-University Heights and Shaker Heights City Schools, Ohio
Address: Cleveland, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $41,610
Note: This project also received $122,183 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-7-79

The Cleveland Heights-University Heights, and Shaker Heights City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Junior Achievement programs will be incorporated. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed according to PRIDE reviews. Three committees will prepare a final report for the state. A local film and a monthly newsletter will be used in program dissemination.

AR 79 0499

Career Development Program K-10.
Project Director: Jones, Oliver J.
Organization: Cleveland Public Schools, Ohio
Address: 1380 East Sixth Street, Cleveland, OH 44114
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $127,112
Note: This project also received $159,310 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-5-79

The Cleveland Public Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be

developed. A status description of the program implementation will be employed in the evaluation. Data sources included interviews, project records, the administration of the OVIS, and the Interest Checklist.

AR 79 0500

Career Development Program K-10.
Project Director: Briggs, Richard
Organization: Columbus Public Schools, Ohio
Address: 1080 Binns Boulevard, Columbus, OH 43204
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $24,270
Note: This project also received $96,256 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-6-79

The Columbus Public Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. A student career file will be developed for each student in the orientation component and will become part of the school file. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0501

Career Development Program K-10.
Project Director: Rammes, Robert
Organization: Dayton Public Schools, Ohio
Address: Dayton, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $40,983
Note: This project also received $161,482 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-11-79

The Dayton Public Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A third-party evaluator, Policy Studies in Education, will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the PRIDE review technique and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0502

Career Development Program K-10.
Project Director: Redington, Randall F.
Organization: Defiance City Schools, Ohio
Address: 629 Arabella Street, Defiance, OH 43512
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,464
Note: This project also received $39,292 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-12-79

The Defiance City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The PRIDE review technique, Ohio Career Development Test, and other tests and evaluation techniques will be administered for project evaluation; learner outcomes will be evaluated and reported.

AR 79 0503

Career Development Program K-10.
Project Director: Cory, Elizabeth
Organization: Delaware City Schools, Ohio
Address: Delaware, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $18,630
Note: This project also received $44,375 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-13-79

The Delaware City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities; and the computerized Ohio Career Information System will be used. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. A program advisory committee will suggest ways of implementing the community-based portion of the program. A third-party evaluator will use statistical logs, written student statements, questionaires, surveys, curriculum products, records of field experiences, hands-on experiences, and teacher inservice training as part of the project evaluation; the Ohio Career Education Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported. Materials, curriculum, ideas, and research findings will be provided upon request to interested districts or agencies.

AR 79 0504

Career Development Program K-10.
Project Director: Burch, Donald
Organization: East Muskingum Schools, New Concord, Ohio
Address: Route 2, New Concord, OH 43762
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,366
Note: This project also received $9,546 in state funds in FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-14-79

The East Muskingum Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. A student Exploration Booklet will help students prepare for hand-on experiences. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum, and a newsletter including information and activities will be developed for teachers. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. An evaluation instrument administered to students in fall and spring and regular periodic staff assessment of the program will be included in evaluation. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, and curriculum products as part of the project evaluation; the Ohio Career Education Test and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0505

Career Development Program K-10.
Project Director: Taylor, Robert L.
Organization: Geneva Area City School District, Ohio
Address: Geneva, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,850
Note: This project also received $17,096 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-15-79

The Geneva Area City School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activities. In the exploration phase, students will attend the Ashtabula County Joint Vocational School for one week to participate in one of twenty-six classes, and the sophomore intern program will enable sophomores to research particular fields of interest. Community experience units will be built around the occupational clusters. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, and field trip guides will be developed. Teacher participation forms and student surveys will be used for project evaluation; the PRIDE review technique will be administered for project evaluation; and learner outcomes will be evaluated and reported.

AR 79 0506

Career Development Program K-10.
Project Director: Reched, Simon D.
Organization: Jefferson Area Local School District, Ohio
Address: Jefferson, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,950
Note: This project also received $23,565 in state funds in FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-16-79

The Jefferson Area Local School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. Teacher participation forms and student surveys will be used as part of the project evaluation; the Ohio Career Education Test and the PRIDE review technique will be administered for project evaluation; and learner outcomes will be evaluated and reported. Project-developed units and materials will be available for dissemination upon request, and newsletters will be produced.

AR 79 0507

Career Development Program K-10.
Project Director: Gorham, DeRoy
Organization: Lorain City Schools, Ohio
Address: 1020 Seventh Street, Lorain, OH 44052
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,500
Note: This project also received $99,438 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-18-79

The Lorain City Schools K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. Features will include a shadow program with Lorain County Community College and working with Explorers, Junior Achievement, and Rotary International. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Development Test, the PRIDE review technique, and other tests and evaluation techniques will be administered for project evaluation; and learner outcomes will be evaluated and reported. Project staff will provide services, materials, and information such as newsletters, curriculum guides, brochures, and resource guides to school district schools not participating in the project and to neighboring school districts.

AR 79 0508

Career Development Program K-10.
Project Director: Elam, Mary Anna
Organization: The Mad River-Green Local Board of Education, Springfield, Ohio
Address: 3920 Fairfield Pike, Springfield, OH 45502
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Educational Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,319
Note: This project also received $13,463 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-19-79

The Mad River-Green Local Board of Education K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study, resource guides, field trip guides, and curriculum guides demonstrating the integration of career development concepts will be developed. The Ohio Career Education Test and the PRIDE review technique will also be administered for project evaluation, and learner outcomes will be evaluated and reported.

AR 79 0509

Career Development Program K-10.
Project Director: Pavlicko, Marie
Organization: Mahoning County Joint Vocational School District, Canfield, Ohio
Address: 7300 N. Palmyra Road, Canfield, OH 44406
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $45,000
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-10-79

The Mahoning County Joint Vocational School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Courses of study based on PRIDE reviews will be developed, and an advisory committee will be formed. A survey for administrative personnel will be developed and administered, and the results will be reported.

AR 79 0510

Career Development Program K-10.
Project Director: Baughman, C. Dale
Organization: Montgomery County Joint Vocational School District, Clayton, Ohio
Address: 6800 Hoke Road, Clayton, OH 45315
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $32,200
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-9-79

The Montgomery County Joint Vocational School District K-10 career development program, which is integrated into the existing curriculum, consists of three components: motivation, orientation, and exploration. It is designed to promote a developmental sequence that will lead to meaningful career and educational decision making in senior high school. Activities in grades K-6 are designed to develop awareness about the world of work and positive work attitudes. In grades 7 and 8, activities focus on orientation toward career possibilities and introduction to the fifteen USOE occupational clusters. Culminating activities in grades 9 and 10 center on the in-depth exploration of at least three occupations, work experience, and value and interest clarification. The program will be implemented in conjunction with PRIDE reviews of career education and through onsite observations of workers, work simulations, community resource persons, and varied career oriented classroom activites. Staff will be involved in inservice training for integrating career education concepts into the curriculum. Program components will be developed, and a county-wide advisory committee will be formed. A third-party evaluator will use records of field experiences, hands-on experiences, teacher inservice training, curriculum products, and a questionnaire completed by all project participants in conducting process and product evaluations.

AR 79 0511

Career Development Program K-10.
Project Director: Shylo, Karen
Organization: Jefferson Local Schools, West Jefferson, Ohio
Address: 177 Frey Avenue, West Jefferson, Ohio 43162
Descriptors: *Career Education, Community Resources, *Curriculum Development, *Curriculum Guides, Elementary Secondary Education, *Inservice Teacher Education, *Instructional Materials, *School Community Relationship
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,750
Note: This project also received $25,445 in state funds for FY 1979.
Sponsoring Agency: Ohio State Dept. of Education, Columbus
Contract and/or Control No.: CD-32-79

Staff will be trained to integrate career education concepts into the instructional and guidance programs in grades K-10, and will begin to develop courses of study and curriculum guides for integrating career education, use community resources to involve students in experiences designed to facilitate their career development, and reduce occupational stereotyping. A third-party evaluator will use records of field experiences, teacher inservice, training and curriculum products to evaluate the program.

AR 79 0512

Career Development Program K-10.
Project Director: Cicek, Louis S.
Organization: Willoughby-Eastlake School District, Willoughby, Ohio
Address: 37047 Ridge Road, Willoughby, OH 44094
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $121,309
Sponsoring Agency: Ohio State Dept. of Education, Columbus

Students in grades K-10 will receive assistance in seven identified developmental areas–self, economics, world of work, decision making, working environment, employability, and exploratory and experiential activities–enabling them to acquire those skills necessary to live and work in society and relate their abilities and academic pursuits to the real world. The community will participate in exposing students to a variety of careers through instructional materials, simulation activities, visits to business and industry, classroom speakers, interaction with the working community, and work experience. Administrators, counselors, coordinators, and teachers will participate in inservice activities including business-industry sponsored dialogues, local seminars, and other professional organizations' sponsored programs. Records of students and teacher participation in program activities will be kept and questionnaires distributed to all participants. The Ohio Career Education Test will be administered to third, sixth, eighth, and tenth grade students. Graduates will be surveyed, and a comprehensive third party review will be conducted.

AR 79 0513

Career Development Program K-10.
Project Director: Wellman, Florence M.
Organization: Wyoming City Schools, Cincinnati, Ohio
Address: Cincinnati, OH
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,490
Sponsoring Agency: Ohio State Dept. of Education, Columbus

Students in grades K-10 will be provided with background material and guidance in seven identified developmental areas–self, economics, world of work, decision making, individual and environment, education and training, and employability and work adjustment–and with information and exploratory and experiential activities enabling them to discover and develop interests, aptitudes, and abilities and match them with potential careers. New staff will receive inservice instruction on the concept and implementation of career education; staff will be apprised of trends and changes in occupational fields. Career education activities to infuse into existing curriculum will be suggested. Materials and activities for students will be updated for a developmental, integrative, multi-disciplinary approach in career education focusing on curricular projects involving community resource persons and organizations. Process evaluation will involve input and observations from staff and periodic assessment by students, parents, teachers, and participating resource persons and organizations.

AR 79 0514

Career Development Program K-10.
Project Director: Malic, Joseph
Organization: Youngstown City School District, Ohio
Address: 20 West Wood Street, Youngstown, OH 44503
Descriptors: *Career Development, *Career Education, Career Exploration, Career Planning, Class Activities, Community Resources, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, Instructional Materials, *Integrated Curriculum, *Learning Activities, *Occupational Clusters, Program Evaluation, Student Motivation, Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $70,540
Sponsoring Agency: Ohio State Dept. of Education, Columbus

Career awareness and exploration will be integrated into the curriculum through an interdisciplinary approach to help students in grades K-10 and teachers develop an awareness of many occupations and an appreciation for work and to help students understand their potentials, abilities, and interests and develop positive attitudes toward work. Teachers will be provided with inservice training; both the school and the community will provide settings for simulated, experimental, and hands-on experiences and activities for students. In addition to a third party evaluation (PRIDE), students, parents, teachers, administrators, and business and industry representatives will evaluate the program through questionnaires and interviews.

OKLAHOMA

Research (Sec. 131)

AR 79 0515

Competency Documentation Desired by Employers.
Project Director: Frazier, Don
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Address: 1515 West 6th Avenue, Stillwater, OK 74074
Descriptors: *Banking, *Carpenters, *Credentials, Data Analysis, *Documentation, Educational Programs, *Employer Attitudes, *Job Skills, School Industry Relationship
Funding Period: Start Date 1 Nov 78; End Date 31 Jan 79
Fiscal Year Funding: $4,517
Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Contract and/or Control No.: 1003

A model credential which can be used by all schools in Oklahoma offering vocational training programs in carpentry and banking will be designed in this project. Objectives are to identify the extent of documentation of vocational skills desired by the interviewing employer from prospective applicants and to identify commonalities of documentation needs between the two diverse industries of carpentry and banking. A random sample of firms, stratified by firm size, will be selected from the banking and residential construction industries in Oklahoma. Personal interviews will be conducted with staff in the selected firms who are directly responsible for hiring. Questions will relate to the format and level of sophistication of documentation desired from the training institutions on job skills, interpersonal skills, and related data. Analyses will be made within each industry and between industries.

AR 79 0516

Survey of Nurse Training Needs in Oklahoma Health Care Institutions.
Project Director: Frazier, Don
Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Address: 1515 West 6th Avenue, Stillwater, OK 74074
Descriptors: Data Analysis, Data Collection, *Educational Needs, *Educational Planning, *Employment Trends, *Health Facilities, *Needs Assessment, *Nurses, Occupational Surveys
Funding Period: Start Date 15 Oct 78; End Date 28 Feb 79
Fiscal Year Funding: $3,810
Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Contract and/or Control No.: 1004

To obtain data for long-range planning of vocational health care programs, this project will identify anticipated staffing patterns and nursing needs of the health services community as expressed by administrators of health care facilities and directors of nursing services in health care facilities. The data will include the levels of training required for specific tasks; the academic and clinical training needed; the present and projected future staffing patterns of aides, practical nurses, and the various levels of registered nurses; orientation and inservice practices; and critical training needs. A random sample of licensed hospitals, rest homes, nursing homes, intermediate care facilities, and specialized homes in Oklahoma will be used. Data collection will be conducted through structured personal interviews and opinionnaires. The data will be descriptively analyzed within administrator and nursing home director groups. A coefficient of concordance test will be used to indicate the amount of agreement between the two groups.

AR 79 0517

Validation and Field Test of Distributive Education II Curriculum Materials.
Project Director: Frazier, Don
Organization: State Dept. of Vocational and Technical Education
Address: 1515 West 6th Avenue, Stillwater, OK 74074
Descriptors: *Academic Achievement, *Curriculum Evaluation, *Curriculum Guides, *Distributive Education, Field Studies, Formative Evaluation, Instructional Materials, *Program Effectiveness, *Student Evaluation, Teacher Attitudes
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $5,900
Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Contract and/or Control No.: 1002

Impact of the "Oklahoma Distributive Education II Manual" will be documented by pre- and posttesting students in fourteen selected distributive education programs on the seventeen units of instruction in the manual. Additional data will be collected on each student regarding selected assignment job sheets to measure psychomotor skills. Patterns of student achievement will be analyzed to identify strengths and weaknesses in the instructional program. Student and teacher evaluations of the instructional materials in the manual will also be obtained and analyzed for each unit. Specific revisions to the manual will be recommended.

Exemplary and Innovative (Sec. 132)

AR 79 0518

Development and Delivery of Packaged Programs on Nontraditional Training Opportunities in Vocational Education.
Project Director: Harris, Jan
Organization: Central Oklahoma Area Vocational-Technical School, Drumright
Address: 3 CT Circle, Drumright, OK 74030
Descriptors: *Audiovisual Aids, *Educational Opportunities, Grade 9, Grade 10, *Nontraditional Occupations, Program Development, Secondary Education, *Sex Stereotypes
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $24,032 (Charged to FY 1977)
Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Contract and/or Control No.: CP 841

Methods of introducing ninth and tenth graders and other groups to nontraditional careers will be developed and implementated in this project. A twenty- to thirty-minute slide/tape presentation will be developed depicting nontraditional training opportunities in agriculture, business and office, distribution, health, home economics, and trade and industrial occupations. The project will include a proportionate number of males and females in each area and will provide examples of programs in high schools and area schools in Oklahoma. A facilitator's guide, brochures, and other supporting materials will be provided, and the presentation will be field tested with student and adult groups. Major work will be accomplished in three phases by a program specialist and a half-time career assistant (who also will be resonsible for developing a model program to eliminate sex stereotyping). The first phase will consist of identifying situations, developing or assimilating slides, and developing a script and facilitator's guide. The second phase will consist of field testing and evaluation with ninth and tenth grade students, and the third phase will consist of field testing with adult community groups. In addition to twenty-five slide/tape presentations, the project will produce fifty copies of the facilitator's guide and 4,000 brochures for students, parents, school personnel, and community and civic groups.

AR 79 0519

Model Program to Eliminate Sex Stereoptying.
Project Director: Hopper, John H.
Organization: Central Oklahoma Area Vocational-Technical School, Drumright
Address: 3 CT Circle, Drumright, OK 74030
Descriptors: Adult Students, *Career Education, *Employment Opportunities, Experiential Learning, *Nontraditional Occupations, Postsecondary Education, *Sex Stereotypes, *Work Experience Programs
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $27,696 (Charged to FY 1977)
Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater
Contract and/or Control No.: CP 840

The objectives of this project are to (1) provide exploratory work experiences in nontraditional occupations for a minimum of eighty-four adult students; (2) train a minimum of forty adult students in nontraditional occupations; (3) seek job opportunties and place a minimum of thirty-four adult students in nontradi-

tional occupations; and (4) provide incentives for adult students where necessary to explore nontraditional occupations. The model project will use three components: exploratory work experience (six weeks), training (six to fifty-two weeks), and business and industry experience (three weeks). The exploratory work experience will include individual and group guidance relating to goal setting, decisionmaking skills, building positive self-concepts and a review of sex stereotyping and nontraditional careers. The business and industry componenet will result in the placement of the adult students in nontraditional occupations.

Curriculum Development (Sec. 133)

AR 79 0520

Implementation of Planned Educational and Training System (PETS).

Project Director: DeVaughan, Zed

Organization: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Address: 1515 W. 6th, Stillwater, OK 74074

Descriptors: *Educational Administration, *Individualized Programs, *Inservice Teacher Education, Instructional Materials, *Learning Modules, *Systems Development, Teacher Developed Materials, *Teaching Guides, Vocational Education Teachers

Funding Period: Start Date 1 Apr 79; End Date 30 Jun 80

Fiscal Year Funding: $2,100

Sponsoring Agency: Oklahoma State Dept. of Vocational and Technical Education, Stillwater

Contract and/or Control No.: 3003

An inservice procedure to train vocational teachers to manage individualized programs will be developed and existing Oklahoma Curriculum and Instructional Materials Center (CIMC) curriculum materials will be adapted for use as individualized learning activity packages (LAPs). An instructor's guide for implementing individualized curriculum materials and selected LAPs from each of the program divisions will be produced. Teachers from seven service divisions will be selected to participate in a two-week workshop jointly directed by teacher education staff from Central State University, CIMC staff from the state department, and the state department personnel coordinator. Materials will be field tested.

OREGON

Research (Sec. 131)

AR 79 0521

Development of a Review Model for Non-Funded Innovations in Oregon Community Colleges.
Project Director: Suzuki, Warren N.; And Others
Organization: Oregon State Univ., Corvallis
Address: Corvallis, OR 97331
Descriptors: *Community Colleges, *Educational Innovation, *Evaluation Criteria, Information Dissemination, Instrumentation, Models
Funding Period: Start Date 16 Sep 78; End Date 31 Jan 79
Fiscal Year Funding: $2,498
Note: This project also received $2,500 under Sec. 132 for FY 1979.
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 50-004-252

A methodology will be developed to identify and select innovations in occupational education programs in Oregon's community colleges. The methodology will be validated in at least two community colleges. A technical report will be produced which will contain validated criteria for selecting innovative practices, including those concerned with the effectiveness, significance, and transportability of the practices; instruments for collecting information on the innovations; processes for identifying and selecting innovations; and a format for disseminating information, including that on alternative environments and alternative occupational programs in which the innovations could be implemented.

AR 79 0522

Development of a State-Wide System for Disseminating and Implementing Vocational Promising Practices in Oregon.
Project Director: Wallace, Sharon A.; Hall, Helen C.
Organization: Oregon State Univ., Corvallis
Address: Corvallis, OR
Descriptors: *Educational Innovation, *Information Dissemination, *Information Networks
Funding Period: Start Date 1 Apr 79; End Date 30 Jul 80
Fiscal Year Funding: $9,276
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 50-004-270

A regional network using regional career coordinators will be designed to disseminate innovative practices to Oregon school districts, technical assistance and coordination will be provided for pilot sites, and a dissemination network and process will be designed for use after state coordination support is withdrawn. An implementation kit for use by regional career coordinators, a display board depicting the dissemination system, and a final report will be produced.

AR 79 0523

Model for Disseminating Promising Practices to Oregon Schools-Phase II.
Project Director: Fancher, Ada
Organization: Linn-Benton County Schools, Albany, Oreg.
Address: Albany, OR
Descriptors: Community Colleges, *Demonstration Programs, Elementary Secondary Education, *Information Dissemination, *Models
Funding Period: Start Date 1 Oct 78; End Date 31 Mar 79
Fiscal Year Funding: $1,905 (Charged to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 22-650-145

Phase II of this project will continue the planning and implementing of programs in four pilot schools in Linn and Benton counties and at two additional sites, as part of an effort to disseminate selected high quality research and exemplary programs to elementary schools, secondary schools, education services, and community college districts.

AR 79 0524

Skills Training for Disadvantaged Students.
Project Director: Rasor, Leslie
Organization: Lane Community Coll., Eugene, Oreg.
Address: Eugene, OR 97405
Descriptors: *Basic Skills, Curriculum Development, *Disadvantaged Youth, *Interdisciplinary Approach, *Manuals, Writing Skills
Funding Period: Start Date 1 Mar 79; End Date 1 Mar 80
Fiscal Year Funding: $5,000
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 20-650-149

An effective interdisciplinary program of mathematical, writing, social, and vocational skills training for disadvantaged vocational students will be developed and demonstrated. The model curriculum will be field tested with a selected group of disadvantaged students. An operations manual will be produced.

Exemplary and Innovative (Sec. 132)

AR 79 0525

Disadvantaged and Handicapped Promising Practices.
Project Director: Jacobs, Jim
Organization: Marion Education Service District, Salem, Oreg.
Address: 3180 Center Street, NE, Salem, OR 97301
Descriptors: *Disadvantaged Youth, *Handicapped Students, Information Dissemination, *Teaching Methods, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: E-M-1-79

Vocational education practices which benefit disadvantaged and handicapped learners will be identified and information about them collected and disseminated to vocational educators through existing dissemination systems. Through a questionnaire, all 1979 disadvantaged and handicapped set-aside funding projects will be contacted. Onsite visits will be made for final determination of promising practices. A final report will be written.

AR 79 0526

Experience-Based Career Education for Disadvantaged Students with a Major Focus on Pre-Vocational/Vocational Education.
Project Director: Dixon, Barbara
Organization: Linn-Benton Community Coll., Albany, Oreg.
Address: Albany, OR 97321
Descriptors: Basic Skills, *Career Education, Community Colleges, Counseling Programs, *Disadvantaged Youth, Educational Programs, *Experiential Learning, Instructional Materials, Models, Postsecondary Education, Program Development, Skill Development, Student Needs
Identifiers: *Experienced Based Career Education Program
Funding Period: Start Date 15 Mar 79; End Date 30 Sep 79
Fiscal Year Funding: $16,613
Note: This project also received $5,386 under Sec. 131 for FY 1979.
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 650-154

A successful secondary-level, experienced-based career education (EBCE) program will be adapted and implemented at the community college level to serve the needs of vocationally disadvantaged students. Existing resources will be used to provide a total educational package for students and staff members will be trained to use EBCE methods and materials. Students participating in the program will be given academic and vocational interest assessments and individual career planning assistance, provided with basic skills development courses and opportunities for vocational exploration in a community setting, and encouraged to consider nontraditional occupations. In addition to providing reports and evaluations, project staff will work with the state department of education to disseminate project information and findings and will assist in developing a workshop on EBCE materials and strategies.

AR 79 0527

OOICC Occupational Information Conference and Needs Assessment (Planning).
Project Director: Fretwell, David; Heuchert, Arnie
Organization: Oregon State Univ., Corvallis. Oregon Occupational Information Coordinating Committee
Address: Corvallis, OR
Descriptors: *Conferences, *Delivery Systems, Employment Projections, Information Dissemination, *Information Sources, Manpower Needs, Measurement Instruments, *Needs Assessment, *Occupational Information, *School Community Cooperation
Funding Period: Start Date 1 Aug 78; End Date 30 Sep 78
Fiscal Year Funding: $2,690 (Charged to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 50-004-248

A conference will be planned to establish cooperative arrangements between public education and manpower agencies designed to correlate educational opportunities with current and projected needs of the labor market. The conference is intended to provide occupational data users with information on occupational supply and demand data sources; to determine the most appropriate methods of delivering this data to users in order to assist the decision-making process relative to establishing, continuing, or reducing occupational training programs in Oregon; and to assist clients and students in making individual career decisions. Project staff will plan the conference for occupational data users from educational institutions, CETA prime sponsor areas, employment services, vocational rehabilitation, private schools, and other vocational training programs; to develop a formal needs assessment instrument to determine the most appropriate methods and formats for delivering supply and demand data to occupational data users; and to evaluate the occupational information needs assessment instrument and the conference plan. A task force will provide overall planning, guidance, and evaluative advice. The conference outline and pilot needs assessment instruments will be delivered.

AR 79 0528

Updating "Promising Practices in Oregon Career and Vocational Education."
Project Director: Kenneke, Larry J.
Organization: Oregon State Univ., Corvallis School of Education
Address: Corvallis, OR 97331
Descriptors: *Career Education, *Demonstration Programs, *Educational Innovation, *Educational Research, Educational Strategies, *Manuals, Program Evaluation, Teaching Techniques
Funding Period: Start Date 16 Sep 78; End Date 31 Jan 79
Fiscal Year Funding: $4,983
Note: This project also received $1,635 under local funds for FY 1979.
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: E-M-2-79

Vocational research and exemplary projects conducted during fiscal years 1977 and 1978 will be reviewed, and all innovative practices that are identified will be documented to update a handbook, "Promising Practices in Oregon Career and Vocational Education." Procedures and instruments developed and included in the original handbook will be modified and used. Data will be recorded from existing documentation on the vocational research and exemplary projects and from onsite visits. In addition to the handbook, a final report including summary descriptions of the selected programs will be produced.

Curriculum Development (Sec. 133)

AR 79 0529

Construction Module.
Project Director: Hargis, James W.
Organization: Oregon State Board of Education, Salem
Address: Salem, OR 97310
Descriptors: Articulation (Program), *Building Trades, College High School Cooperation, Community Colleges, *Construction (Process), Individualized Instruction, *Learning Modules, Material Development, *Performance Based Education, Postsecondary Education, Secondary Education, *Teacher Developed Materials
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,149 (Charged to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 80-462/361.11

Forty individualized, performance-based learning modules for the construction cluster will be developed by instructors and then field tested, bringing the total number of modules available to 120. Twenty-five copies of the total modules now ready for field testing will be printed. These field-tested modules will be produced for sale at cost and can be used for articulation between secondary schools and community colleges as well as for individualization in traditional classrooms.

AR 79 0530

Curriculum Materials for Handicapped Students.
Project Director: Hargis, James W.
Organization: Oregon State Board of Education, Salem
Address: Salem, OR 97310
Descriptors: *Basic Skills, *Experiential Learning, *Handicapped Students, Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Mentally Handicapped, *Skill Development, Special Education Teachers, *Teacher Developed Materials, Teacher Workshops
Funding Period: Start Date 30 Jun 78; End Date 30 Jun 79
Fiscal Year Funding: $6,926 (Charged to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 80-462/361.12

A workshop will be held for area special education instructors to develop seven mini-modules in predetermined priority instructional areas. The modules, with accompanying hands-on activity sheets, will help fill the need of mentally handicapped students for easily understood materials in basic skill areas of vocational education. Field testing will follow instructor inservice training on using the new materials.

AR 79 0531

Energy Conservation Modules.
Project Director: Hargis, James W.
Organization: Oregon State Board of Education, Salem
Address: Salem, OR 97310
Descriptors: Building Design, Building Innovation, Community Colleges, *Construction (Process), *Energy Conservation, Heating, Instructional Materials, *Learning Modules, Material Development, *Performance Based Education, Postsecondary Education, *Solar Radiation
Funding Period: Start Date 30 Jun 78; End Date 30 Jun 79
Fiscal Year Funding: $4,034 (Charged to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem
Contract and/or Control No.: 80-462/361.11

To help fill the need for suitable teaching materials in the areas of energy conservation, energy systems management, solar energy, and innovative techniques in building construction, six learning modules will be developed by community college science departments. These modules will be field tested during the 1978-1979 school year.

AR 79 0532

Fundamental Vocational Skills for Disadvantaged Learners.
Project Director: Kleine, Carroyl
Organization: Linn-Benton Community Coll., Albany, Oreg.
Address: 6500 SW Pacific Boulevard, Albany, OR 97321
Descriptors: *Basic Skills, *Disadvantaged Groups, *Educationally Disadvantaged, *Females, Fundamental Concepts, Individualized Curriculum, *Instructional Materials, *Learning Modules, *Skill Development
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $24,946
Sponsoring Agency: Oregon State Board of Education, Salem

Materials will be developed which will meet the special needs of women and others who have lacked the opportunity to gain the fundamental concepts, knowledge, and skills essential for success in vocational programs. College vocational faculty will identify and validate industrial vocational concepts and related skills which are fundamental to a large number of vocational programs. The learning styles preferred by academically disadvantaged vocational students will be analyzed through an initial assessment and techniques involving cognitive mapping. A minimum of thirty learning modules and eighteen multimedia aids will be produced.

AR 79 0533

Health Education Modules.
Project Director: Hargis, James W.
Organization: Oregon State Board of Education, Salem
Address: Salem, OR 97310
Descriptors: Community Colleges, *Health Occupations Education, *Instructional Materials, Interinstitutional Cooperation, *Learning Modules, *Nurses, Postsecondary Education, *Practical Nurses, Teacher Developed Materials, *Vocational Retraining
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,500 (Chared to FY 1978)
Sponsoring Agency: Oregon State Board of Education, Salem

Since no known materials are available to instructors of the laboratory phase of the licensed practical nurse or registered nurse re-entry instructional program, nine modules for teaching nursing students will be developed by staff instructors of Lane Community College. Input from other nursing departments across the state will be compiled and the units will be field tested prior to printing.

AR 79 0534

Television Apprenticeship Program.

Project Director: Hargis, James W.

Organization: Oregon State Board of Education, Salem

Address: Salem, OR 97310

Descriptors: *Apprenticeships, Community Colleges, *Electric Circuits, Individualized Instruction, *Learning Modules, *Performance Based Education, Postsecondary Education, Secondary Education, *Teacher Developed Materials, *Television Repairmen

Funding Period: Start Date 1 Jul 78; End Date 30 Dec 78

Fiscal Year Funding: $8,894 (Charged to FY 1978)

Sponsoring Agency: Oregon State Board of Education, Salem

Twenty modules for use in secondary schools and community colleges as well as by apprenticeship instructors in television servicing will be developed. The modules will teach the use of performance-based instruction, train apprentices in basic theory areas, and provide instruction in nine circuit areas.

PENNSYLVANIA

Research (Sec. 131)

AR 79 0535

Cost Effectiveness of Cooperative Vocational Educaton for Capstone and Diversified Occupations.
Project Director: Welch, Frederick G.
Organization: Pennsylvania State Univ., University Park. Div. of Occupational and Vocational Studies
Address: 207 Old Main Street, University Park, PA 16802
Descriptors: *Cooperative Education, *Cost Effectiveness, Dropouts, *Educational Benefits, Personal Adjustment, *Program Effectiveness, Vocational Adjustment, Vocational Maturity, Youth Employment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $30,723 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8804

Objectives of the project are to (1) do a cost effectiveness study of diversified and capstone occupations in cooperative vocational education throughout the State of Pennsylvania; (2) determine the types of levels of occupations involved in cooperative vocational education in both capstone and diversified occupations; (3) determine what effect the cooperative education program has had on the school dropout and youth unemployment rates in various labor market areas; (4) determine what effect, if any, cooperative education, in both capstone and diversified occupations, has on the educational program of the school; and (5) determine other benefits, such as personality adjustment, job adjustment, and maturity that can be contributed to the cooperative education program. Objectives will be met by sending questionnaires and making onsite visits with personal interviews in several major market areas. Guidance counselors, vocational teachers, and administrators will be contacted to determine school dropout information. Employment offices and personnel directors will be contacted to determine the youth unemployment effect of cooperative education. Employer and potential employers will be interviewed for public relations effect and to determine what effect, if any, cooperative education has had on their opinions.

AR 79 0536

Developing Appropriate Communication Boards for Retarded Students to Assist Each in Preparing for Employment.
Project Director: Hughes, Merrill I.
Organization: Delaware County Intermediate Unit 25, Media, Pa.
Address: Sixth and Olive Streets, Media, PA 19063
Descriptors: *Communication Skills, Communicative Competence (Languages), *Handicapped Students, *Individualized Instruction, *Language Aids, Language Skills, *Mentally Handicapped, Nucleation (Language Learning), Retarded Children, Secondary Education, Special Education Teachers, *Verbal Development, Vocational Education Teachers
Identifiers: Language Boards
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $973 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8802

Objectives of the project are to (1) determine if teaching staff can design and create language boards that are both effective and inexpensive; (2) determine if increased efficiency in mastery of the use of the language board improves through student retention of the boards; (3) determine if increased numbers of nonverbal, retarded students are able to successfully communicate with special education and vocational teachers when given language boards for use; and (4) provide a model for other educators to use in developing language boards to aid special students in developing communication and vocational skills. To prepare as many nonverbal students as possible for successful entrance into vocational studies as secondary students, individual language boards will be created to expand the students' communication skills and improve their abilities in learning vocational skills. These language boards will be designed for each specific student's need and remain with the student at the Special Education Center, at home, and (later) at the Vocational Center. To accomplish this, a joint effort between the vocational staff and special education staff is proposed. The special education staff will diagnose the need for and design an appropriate type of language board for each student. The language boards will be constructed in cooperation with the vocational staff. The special education staff will instruct each student in the use of the board and, as sufficient skill is developed, each student will be referred to the appropriate vocational program for occupational preparation.

AR 79 0537

Evaluation of Certain Aspects of Vocational Education Development Centers.
Project Director: Ryan, Thomas P.
Organization: Appalachia Educational Laboratory, Inc., Charleston, W. Va.
Address: P.O. Box 1348, Charleston, WV 25325
Descriptors: *Educational Planning, Formative Evaluation, *Management Information Systems, *Manpower Development, Needs Assessment, *Program Evaluation, Summative Evaluation, *Teacher Centers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,983 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8807

The Pennsylvania Department of Education will be provided with a first-year evaluation of two aspects of the four Vocational Education Personnel Development Centers (VEPDC): the processes and products associated with each VEPDC's objectives and the appropriateness and adequacy of the needs assessment techniques used by each VEPDC. The project will identify successful objectives for adoption or continuation and review the Vocational Education Management Information System in relation to the planning data needed by each VEPDC. Formative and summative evaluation reports will be prepared.

AR 79 0538

An Evaluation of the SUN AVTS Twelfth Year Program.
Project Director: Lutz, John E.
Organization: Central Susquehanna Intermediate Unit 16, Lewisburg, Pa.
Address: P.O. Box 213, Lewisburg, PA 17837
Descriptors: Changing Attitudes, Comparative Analysis, Grade 11, Grade 12, *Job Skills, *Program Evaluation, Secondary Education, *Social Adjustment, Student Adjustment, *Student Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $26,010 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8806

In order to obtain data to be used to make programmatic decisions, a pre- and posttest control group design will be used to determine if students who are enrolled in the twelfth year programs of the SUN AVTS have different attitudes and social adjustment and better skills and trade knowledge than eleventh and twelfth grade students not enrolled in the program. This project will make vocational education available to presently underserved segments of the school population: handicapped, terminal, and college preparatory students and potential dropouts.

AR 79 0539

Exploratory Study of the Political Socialization of Politically Active Home Economists.
Project Director: Ley, Connie J.
Organization: Pennsylvania State Univ., University Park
Address: Rackley Building, University Park, PA 16802
Descriptors: *Females, *Political Attitudes, *Political Socialization, Politics, Postsecondary Education, Research Utilization
Funding Period: Start Date 15 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $1,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8808

Data collected in this project from two groups of home economists will be used to discover patterns of political socialization associated with politically active home economists. Data collection packets will be mailed to one group identified as politically active and to a second group selected at random from the membership records of the American Home Economics Association. The packets will contain sixty items for a political socialization Q-sort, a sorting table, a background information sheet, and a letter of explanation and invitation. The data will be used in testing hypotheses to determine whether the home economists identified as politically active are actually a significantly different group. It is expected that this research will provide insight into ways colleges and universities can produce politically astute home economists able to make valuable contributions to the field of vocational education because they can impact on legislation as it is developed and implemented. A final

report of the project will be delivered.

AR 79 0540

Guidelines for Organizing and Administering a Competency-Based Adult Vocational Business Education Program.
Project Director: Morrison, Phyllis
Address: 5226 Westminster Place, Pittsburgh, PA 15232
Descriptors: *Adult Education, *Business Education, Business Skills, Delivery Systems, *Guidelines, Job Market, Job Skills, Office Occupations, *Performance Based Education, *Program Administration, *Program Planning, School Industry Relationship, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8803

Objectives of the project are to (1) determine the kinds of entry-level office jobs (as classified and defined by the DOT) most available to adults seeking employment in Pennsylvania; (2) identify the competencies and subcompetencies which are needed by beginning office workers in these entry-level jobs; (3) design courses of study which will lead to the attainment of these needed competencies and subcompetencies: and (4) establish guidelines for organizing and administering these programs including recommended courses, approximate time needed for mastery, and suggested delivery systems. Procedures will be to (1) review and analyze current research pertaining to competencies needed in entry-level jobs including task analysis; (2) interview school administrators and vocational business education teachers at two or more secondary schools in geographically separated school districts with respect to their adult education programs and services in vocational business education; (3) interview five or more adults enrolled in these programs with respect to their reactions to the courses, support services, and the degree of success they have achieved; (4) interview one or more office managers in each area served by these schools to determine the types of entry-level positions available, the competencies required for employment, and the success of graduates of the adult business programs presently employed; (5) design courses of study which will lead to the development of the needed subcompetencies and competencies; and (6) develop guidelines for organizing and administering appropriate programs including testing, career guidance, and needed support services.

AR 79 0541

Male Enrollment in Home Economics Programs in the Public Secondary Schools in Pennsylvania.
Project Director: Lamason, Carolyn S.
Organization: Mechanicsburg Area School District, Pa.
Address: South Broad Street, Mechanicsburg, PA 17055
Descriptors: *Enrollment, *Home Economics, *Home Economics Teachers, *Males, *Nontraditional Occupations, Secondary Education, Student Needs, Students, *Teacher Characteristics
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $895
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-9002

Data will be collected in this project in order to (1) compare the male enrollment in home economics classes in communities of different sizes, (2) compare male enrollment in comprehensive home economics programs with specialized programs, (3) compare male enrollment in vocational home economics programs with nonvocational programs, and (4) compare male enrollment in the five home economics subject matter areas. Profile data will also be compiled on the secondary home economics teacher's age, sex, years of teaching experience, academic degree, and marital status. A review of the literature will be conducted to explore the extent of knowledge to each of the above data components. Pennsylvania public school superintendents will be mailed a questionnaire; the data collected will be coded and computer analyzed. Project newsletters will be produced.

AR 79 0542

Middle School Learners' Attitudes toward Home Economics as Related to Classroom Goal Structures.
Project Director: Dohner, Ruth E.
Organization: Pennsylvania State Univ., University Park
Address: 212 Rackley Building, University Park, PA 16802
Descriptors: *Goal Orientation, *Home Economics, *Home Economics Teachers, *Junior High Schools, Middle Schools, Questionnaires, *School Surveys, *Student Attitudes, Student Motivation
Funding Period: Start Date 15 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $1,660 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8809

After determining the attitudes learners have toward home economics, the relationship of these attitudes to goal structuring in the classroom and other learner variables will be studied. Middle and junior high school home economics teachers in Pennsylvania who wish to participate in this study will complete and return by mail the Teacher/Learner Transaction Scale. Teachers who score in either the upper or lower quartiles on the scale will be mailed student questionnaires which will determine the learners' attitudes toward home economics. Correlation coefficient and analysis of variance will be used to analyze the data from the scale and the student questionnaire. This study will contribute to education by observing factors that seem to have an impact on developing an attitude toward a subject area. A final report will be delivered.

AR 79 0543

Occupational Choices and Employment Opportunities for High School Students.
Project Director: Cohen, Stanley B.
Organization: Philadelphia School District, Pa.
Address: Philadelphia, PA 19103
Descriptors: *Employment Opportunities, Employment Trends, Grade 10, Grade 11, *High School Students, Information Dissemination, Job Market, *Occupational Aspiration, *Occupational Choice, Senior High Schools
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,822
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-9001

A questionnaire will be developed to survey tenth and eleventh grade students in the Philadelphia school district to ascertain their occupational aspirations and knowledge of the world of work. Survey data will be analyzed and the results compared with those of a survey of eighth and ninth grade students conducted during the previous year. The findings for Philadelphia will be compared with the national longitudinal surveys of young men and women. Results of both Philadelphia surveys will be compared with forecasts of job openings, and the forecasts of job openings will be compared with the numbers of vocational education graduates. Reports of the findings will be disseminated on a city-wide basis, and participating school principals will receive an analysis of their school with comparison tables for the general samples. Teachers will be encouraged to incorporate these findings into discussions of work orientation, educational plans, and labor market prospects.

AR 79 0544

Study of the Relationship of Teacher Enthusiasm to Salient, Selected Variables Influencing Achievement in the Vocational Laboratory.
Project Director: Allen, Edward
Organization: Temple Univ., Philadelphia, Pa. Div. of Vocational Education
Address: Broad & Columbia Avenue, Philadelphia, PA 19132
Descriptors: *Academic Achievement, Motivation, Student Interests, *Success Factors, *Teacher Attitudes, *Teacher Evaluation, Teacher Influence, Teacher Role, Teaching Methods, *Vocational Education Teachers
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $1,980
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-9003

This study will determine what relationship enthusiastic teaching has upon five variables known to influence student achievement. It is hypothesized that those vocational teachers who created a higher interest level in the subject and the school, greater motivation, better attendance records, and an overall higher rating according to the students will be the same teachers identified as being enthusiastic in the classroom. The subjects of the study, fifty inservice vocational teachers, will submit two videotapes of their lessons to a panel of judges for an evaluation of their teaching enthusiasm. Based on the ratings given on these taped lessons, spaced approximately four to six weeks apart, the teachers will be ranked on an enthusiasm continuum. Subsequent to submitting the videotapes, the students of the subjects will be given a test to determine their interest in school, education motivation, interest in the subject, and their attendance records. Each of these variables will be rank ordered for each subject and compared independently to the ranking on the enthusiasm continuum. A final report will be delivered.

AR 79 0545

Vocational Education Information Network (VEIN) (Continuation).
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Address: Millersville, PA 17551
Descriptors: Evaluation, *Information Dissemination, *Information Networks, *Information Services, Instructional Materials, Interagency Cooperation, *Research Utilization, Resource Centers, *Resource Materials, Technical Assistance
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $149,751 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8805

Operation of an information dissemination system to effect delivery of products and services to vocational educators in Pennsylvania will be continued in this project. Project staff will disseminate results of reported research, programmatic developments, and curriculum products; effect review of resources to determine their appropriateness for use in Pennsylvania programs; maintain linkages with state and national agencies to increase access by vocational education practitioners to a wide range of resources, products, and practices; and provide technical assistance to local, state and national agencies for effective resource management, linkage, and dissemination. VEIN services are available to individuals, agencies, and institutions involved with the design, development, delivery, and evaluation of instruction to vocational education students and practitioners in the state. Services are designed for both specific and broad-based populations of vocational educators. Dissemination activities are designed in cooperation with personnel in the RCU, BVE, and other agencies supporting state vocational education goals and local programs. Materials disseminated are retrieved from the ERIC, AIM/ARM, Pennsylvania, and vocational facilities collections for duplication as microfiche or printed copy. A listing of curriculum materials will be produced as a result of the project.

AR 79 0546

What the Opportunities Are for Vocational Choice in Pennsylvania's Public Secondary Schools.
Project Director: Moyer, Joyce R.
Address: 23 Big Horn Avenue, Mechanicsburg, PA 17055
Descriptors: *Career Choice, *Educational Opportunities, Grade 9, Program Evaluation, *Public Schools, *Secondary Education, *Student Needs
Funding Period: Start Date 15 Dec 78; End Date 15 Feb 79
Fiscal Year Funding: $930 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 83-8810

A report suitable for publication will be prepared that reviews available data concerning the number and composition of vocational options, points out apparent strengths and deficiencies, and makes recommendations about possible areas for future program emphasis. Current research pertaining to the problem of vocational choice and programming will be reviewed and analyzed. To determine the number of vocational programs available for each school district, the Bureau of Vocational Education and the VEMIS staff will be consulted. The Division of Statistics will provide data concerning the number of ninth grade students in each district, and a frequency distribution will be designed to analyze the data, from which conclusions and recommendations will be made. A final report, including evidence relating to the percent enrolled in vocational education, the number of options available for students, and the problems and successes in vocational programming, will be helpful to vocational planners and administrators in determining vocational programming that is congruent with the career choices and needs of students.

Exemplary and Innovative (Sec. 132)

AR 79 0547

Agriculture Resources (Continuation).
Project Director: Clark, Daniel A.
Organization: Altoona Area Vocational Technical School, Pa.
Address: 1500 Fourth Avenue, Altoona, PA 16603
Descriptors: *Agricultural Education, Agricultural Occupations, Agronomy, Career Education, Career Opportunities, *Cooperative Programs, Curriculum Development, Experiential Learning, *Field Experience Programs, Land Use, *Natural Resources, Performance Based Education, Satellite Laboratories, Secondary Education, *Summer Programs, *Water Resources
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $29,200
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8826

The development of competency-based curriculum materials for a course in agricultural resources, the establishment of a cooperative satellite program at a DER facility, and the preparation of students for occupations in agricultural resources are the objectives of this project. Altoona AVTS and Prince Gallitzen State Park will enter into a contractual agreement whereby Altoona AVTS will provide administrative, supervisory, and instructional personnel and certain equipment supplies and Prince Gallitzen State Park will provide grounds, classroom facilities, and periodic use of selected staff and services. The 6,600 acres of land and water in the park will serve as an open classroom laboratory for study, projects, and research. Students, selected on the basis of career interests, will be transported daily to the study facility at Lake Glendale. During the summer months, cooperative education in all phases of land and water management will be conducted. Extensive placement services or advanced education opportunities will assist students in making realistic career choices. The project will continually define, evaluate, and design curriculum materials, methods, and study projects for other vocational educators to share.

AR 79 0548

Articulation between Secondary and Postsecondary Vocational Programs.
Project Director: Watkins, Arleen J.
Organization: Reading Area Community Coll., Pa.
Address: Box 1706, Reading, PA 19603
Descriptors: Accounting, *Articulation (Program), *Business Skills, *Computer Managed Instruction, Evaluation Criteria, Job Skills, Measurement Instruments, *Minimum Competency Testing, *Performance Based Education, Postsecondary Education, Program Development, Secondary Education, *Secretaries, Task Analysis
Identifiers: Programed Logic for Automated Teaching Operations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $24,981 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8814

A task analysis will be conducted to determine competency requirements for secretarial skills at the secondary and postsecondary levels. Competency-based testing instruments for the postsecondary level and performance objectives and activities for the legal, medical, and executive options will be developed. Evaluative criteria for each task will be devised in conjunction with local industry. Using the Programed Logic for Automated Teaching Operations (PLATO) control data network, a computer-managed instructional package for secretarial skills will be written for managing individual students. A final report will be delivered.

AR 79 0549

Continuation and Expansion of VEDA.
Project Director: Wycallis, Gerald
Organization: Dallas School District, Pa.
Address: Conyngham Avenue, Dallas, PA 18612
Descriptors: *Career Exploration, *Career Planning, *Decision Making Skills, Formative Evaluation, Group Activities, Junior High Schools, Media Selection, Parent Participation, Program Development, *Self Concept, *Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8816

The purpose of this project is to help junior high school students to develop self-awareness, life planning skills, an understanding about worker-job relationships and will assist them in developing personalized career programs. Trained staff members will work as a team with other staff members and parents to continue the development of the program model by planning activities, gathering materials, and evaluating the results of the research and techniques. Seventh grade students will explore attitudes about self and others, eighth grade students will explore careers, and ninth grade students will learn decision-making skills. Assessment instruments will be used at all grade levels. Selected parents will participate in structured group activities. Ongoing evaluation activities will assess progress and provide data on necessary revisions.

AR 79 0550

Design of an Educational Program for a Training Center for Railroad Equipment Maintenance Occupations.
Project Director: Hampton, Robert D.
Organization: ATE Management and Service Co., Inc., Arlington, Va.
Address: 1911 N. Ft. Myer Dr., Arlington, VA 22209
Descriptors: Adults, Curriculum Development, *Educational Programs, *Equipment Maintenance, Job Skills, *Machine Repairmen, *Program Development, *Rail Transportation, Task Analysis, Vocational Training Centers
Funding Period: Start Date 15 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $65,760
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg

This project will design an educational program for a center which will train individuals in the six major occupations identified for the maintenance of railroad equipment: diesel locomotive electrician, diesel locomotive electronics, diesel locomotive mechanic (power assembly mechanic and generator assembly mechanic), heavy equipment mechanic, air brake mechanic (including coupling), and metal fabrication. To accomplish this objective, project staff will (1) complete a task analysis for each of the above occupations to determine the skills necessary to perform effectively on the job; (2) determine what facilities and equipment are required to provide the skills identified; (3) review skills unique and common to each occupation that may affect numbers, types, or arrangement of facilities or equipment; (4) review projected enrollment figures for each occupation identified; (5) determine size of work spaces and

the number and types of equipment required; (6) determine the type of work areas; and (7) determine the arrangement of work spaces so that enclosing and supporting structure may be designed.

AR 79 0551

Diffusion of Instructional Modules for Cooperative Diversified Occupations.
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Address: Millersville, PA 17551
Descriptors: *Cooperative Education, *Curriculum Evaluation, Learning Modules, Secondary Education, Self Concept, *Student Attitudes, *Work Attitudes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,300
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8824

Seven selected curriculum modules designed to improve students' attitudes toward self and work will be implemented in this project. The impact of the modules on students and the extent of teacher use will be determined. The modules, developed by American Learning Systems and selected by a review panel, will support teachers' attitude formation skills not provided by educational institutions. The seven modules will be purchased and distributed, with appropriate introductory materials, to teachers.

AR 79 0552

Establishment of a Coordinated Cooperative Education Concept in Schuylkill County.
Project Director: Taylor, Ray L.
Organization: Schuylkill County Area Vocational Technical School, Pottsville, Pa.
Address: 420 North Centre Street, Pottsville, PA 17901
Descriptors: *Cooperative Education, *Cooperative Programs, Data Collection, *Management Systems, Needs Assessment, Occupational Surveys, *Program Coordination, *Program Design, Program Development, Program Evaluation, School Industry Relationship, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $38,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8815

A cooperative educational program, staffed with the necessary personnel to meet the needs of Planning Unit #29, will be designed and implemented under this project. A cooperative educational management system will be designed to coordinate the efforts of all work-release programs in Schuylkill County and a county-wide industrial survey data collection system will be updated in order to identify the county's employment needs. The coordinated cooperative education program will be implemented in the vocational school and the twelve school districts in the county and then evaluated.

AR 79 0553

Establishment of a Coordinated Cooperative Education Program in Clearfield County.
Project Director: Eisentrout, Charles
Organization: Clearfield County Area Vocational-Technical School, Pa.
Address: R.R. 1, Box 5, Clearfield, PA 16830
Descriptors: *Cooperative Education, *Cooperative Programs, *Educational Coordination, *Management Systems, *Needs Assesament, Program Development, Program Effectiveness
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $29,747
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8825

The purpose of this proposal is to plan, design, and implement a coordinated cooperative program based on the Blair County model. A needs assessment of the district's cooperative and vocational programs will be conducted. In addition, a formative and summative evaluation design will be employed to provide feedback information on the program. The main component of the program is a centralized management and data collection system. It is anticipated that this project will help provide programs to develop training opportunties for persons in sparsely populated areas and for individuals migrating from farms to urban areas.

AR 79 0554

Fulton County Coordinated Cooperative Education Concept.
Project Director: Leader, Charles R.
Organization: Central Fulton School District, McConnellsburg, Pa.
Address: East Cherry Street, McConnellsburg, PA 17233
Descriptors: *Cooperative Education, *Cooperative Programs, *Educational Coordination, *Management Systems, *Needs Assessment, Program Development, Program Effectiveness
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $53,788
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8813

The purpose of this proposal is to plan, design, and implement a coordinated cooperative education program based on the Blair County model. A needs assessment of the districts cooperative education and vocational programs will be conducted. In addition, a formative and summative evaluation design will be employed to provide feedback information on the program. The main component of the program is a centralized management and data collection system.

AR 79 0555

Metric Measurement Workshop for Vocational Facilitators.
Project Director: Downs, William C.
Organization: Central Westmoreland Area Vocational Technical School, New Stanton, Pa.
Address: R.D. 1, Arona Road, New Stanton, PA 15672
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,419 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8802

This project will (1) conduct a regional workshop for local facilitators in the use of metric measurement in vocational education programs; (2) train the facilitators to conduct local metric workshops; and (3) train the facilitators to support local instructors in the implementation of metric measures in their instruction. Vocational schools in the central and western part of Pennsylvania will be invited to participate in a metrics implementation program using materials developed by The Center for Vocational Education. Those schools which can be accommodated will select one or more staff members to serve as metric facilitators and to attend a two-day training workshop. The workshop will be offered for approximately 45 facilitators on July 27-28, 1978. The Research Coordinating Unit will work with local schools in planning and developing teacher inservice programs utilizing the facilitators trained during the workshop.

AR 79 0556

Metric Measurement Workshop for Vocational Facilitators.
Project Director: Nagle, Robert A.
Organization: Lehigh County Area Vocational Technical School, Schnecksville, Pa.
Address: 2300 Main Street, Schnecksville, PA 18078
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,470
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8801

This project proposes to (1) conduct a regional workshop for local facilitators in the use of metric measurement in vocational education programs; (2) train the facilitators to conduct local metric workshops; and (3) train the facilitators to support local instructors in their instruction. Vocational Schools in the central and eastern part of Pennsylvania will be invited to participate in a metrics implementation program using materials developed by The Center for Vocational Education. Those schools which can be accommodated will select one or more staff members to serve as metric facilitators and to attend a two-day training workshop. The workshop will be offered for approximately 30 to 45 facilitators on July 13-14, 1978. The Research Coordinating Unit will work with local schools in planning and developing teacher inservice programs utilizing the facilitators trained during the workshop.

AR 79 0557

Metrics Inservice Teacher Education Workshop.
Project Director: Horton, Homer L.
Organization: Jefferson County-DuBois Area Vocational Technical School, Reynoldsville, Pa.
Address: Reynoldsville, PA 15851
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teacher Developed Materials, *Teaching Techniques, Vocational Education Teachers

Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8817

Teaching staff will be provided with a working knowledge of the metric system as it applies to their individual laboratory through the use of a metric instructional package developed by the National Center for Research in Vocational Education at The Ohio State University. Specific objectives are to (1) provide a two-day inservice workshop for vocational teachers to orient them to metrics, acquaint them with the Ohio State metric materials, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. A staff person will provide leadership at the local level and will plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting the impact of the project.

AR 79 0558

Metrics Inservice Teacher Education Workshop.
Project Director: Stromberg, Robert P.
Organization: Smethport Area Vocational Technical School, Pa.
Address: 119 Mechanic Street, Smethport, PA 16749
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,215 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8821

Teaching staff will be provided with a working knowledge of the metric system as it applies to their individual laboratory through the use of a metric instructional package developed by the National Center for Research in Vocational Education at The Ohio State University. Specific objectives are to (1) provide a two-day inservice workshop for vocational teachers to orient them to metrics, acquaint them with The Ohio State University metric materials, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. A staff person will provide leadership at the local level and will plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting the impact of the project.

AR 79 0559

Metrics Inservice Teacher Education Workshop.
Project Director: Timm, Walter
Organization: Butler Area School District, Pa.
Address: 167 New Castle Road, Butler, PA 16001
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,725 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Pa.
Contract and/or Control No.: 84-8809

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0560

Metrics Inservice Teacher Education Workshop.
Project Director: Barefoot, James J.
Organization: Carlisle Area School District, Pa.
Address: 623 West Penn Street, Carlisle, PA 17013
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teacher Developed Materials, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,950 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8807

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by The National Center for Research in Vocational Education at Ohio State Unviersity, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0561

Metrics Inservice Teacher Education Workshop.
Project Director: Rorabaugh, Carl T.
Organization: Eastern Westmoreland Area Vocational Technical School, Latrobe, Pa.
Address: 849 Hillview Avenue, Latrobe, PA 15650
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $1,015
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8829

Teaching staff will be provided with a working knowledge of the metric system as it applies to their individual laboratory through the use of a metric instructional package developed by the National Center for Research in Vocational Education at the Ohio State University. A two-day inservice workshop will be held to orient vocational teachers to metrics, develop metric instructional packages for each vocational program, and provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. A staff person will provide leadership at the local level, provide assistance to teachers during implementation, and collect data for reporting the project's impact.

AR 79 0562

Metrics Inservice Teacher Education Workshop.
Project Director: Waldman, Norman W.
Organization: Greene County Area Vocational-Technical School, Waynesburg, Pa.
Address: R.D. 2, Box 40, Waynesburg, PA 15370
Descriptors: *Inservice Teacher Education, *Instructional Materials, Learning Modules, Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,200 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8805

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0563

Metrics Inservice Teacher Education Workshop.
Project Director: Moore, Juanita D.
Organization: Harrisburg Area Vocational-Technical School, Pa.
Address: 2915 North 3rd Street, Harrisburg, PA 17110
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,800 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8808

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level

of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0564

Metrics Inservice Teacher Education Workshop.
Project Director: Rowland, Robert W.
Organization: Huntingdon County Area Vocational-Technical School, Mill Creek, Pa.
Address: Box E, Mill Creek, PA 17060
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8804

This project will (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the Ohio State metric materials, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will (1) be made available for training; (2) plan the local workshop; (3) provide assistance to teachers during implementation; and (4) collect data for reporting impact of the project.

AR 79 0565

Metrics Inservice Teacher Education Workshop.
Project Director: Riebel, Edwin
Organization: Lenape Area Vocational-Technical School, Ford City, Pa.
Address: 2215 Chaplin Avenue, Ford City, PA 16226
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,850 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8811

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0566

Metrics Inservice Teacher Education Workshop.
Project Director: Balog, George
Organization: McKessport Area Vocational-Technical School, Pa.
Address: 3600 O'Neil Boulevard, McKessport, PA 15132
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teacher Developed Materials, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,000 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8806

The project will (1) provide a two-day, inservce workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0567

Metrics Inservice Teacher Education Workshop.
Project Director: Wesley, Robert E.
Organization: Tyrone Area School District, Pa.
Address: 1317 Lincoln Avenue, Tyrone, PA 16686
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,420 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8812

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0568

Metrics Inservice Teacher Education Workshop.
Project Director: Clark, William, Jr.
Organization: Venango County Area Vocational-Technical School, Oil City, Pa.
Address: One Vo-Tech Drive, Oil City, PA 16301
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,300 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8810

Project objectives are to (1) provide a two-day, inservice workshop for vocational teachers to orient them to metrics, acquaint them with the metric materials developed by the National Center for Research in Vocational Education at Ohio State University, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will be made available for training, plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting impact of the project.

AR 79 0569

Metrics Measurement Program.
Project Director: Clark, Daniel A.
Organization: Altoona Area Vocational Technical School, Pa.
Address: Altoona, PA 16603
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, *Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $1,759 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8814

Teaching staff will be provided with a working knowledge of the metric system as it applies to their individual laboratory through the use of a metric instructional package developed by the National Center for Research in Vocational Education at The Ohio State University. Specific objectives are to (1) provide a two-day inservice workshop for vocational teachers to orient them to metrics, acquaint them with The Ohio State University metric materials, and provide training on using metrics in the classroom; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. A staff person will provide leadership at the local level and will plan the local workshop, provide assistance to teachers during implementation, and collect data for reporting the impact of the project.

AR 79 0570

Research Coordinating Unit (RCU) Metric Measurement Program.

Project Director: Sanna, Frank
Organization: Steel Valley Area Vocational-Technical School, West Mifflin, Pa.
Address: 4920 Buttermilk Hollow Road, West Mifflin, PA 15122
Descriptors: *Inservice Teacher Education, *Instructional Materials, *Learning Modules, Material Development, *Metric System, *Teaching Techniques, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,900 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8803

The project will (1) provide a two-day metric measurement inservice workshop for vocational teachers; (2) develop metric instructional packages for each vocational program; and (3) provide classroom instruction to assist students in obtaining an acceptable level of performance in metric measurement. To facilitate the implementation and to assist with the inservice workshop, a staff person(s) has been identified to provide leadership at the local level. This person(s) will (1) be made available for training; (2) plan the local workshop; (3) provide assistance to teachers during implementation; and (4) collect data for reporting impact of the project.

AR 79 0571

Task-Level Articulation between Secondary and Postsecondary Vocational Programs in Electronics Technology.
Project Director: Elison, George W.
Organization: Lehigh County Community Coll., Schnecksville, Pa.
Address: 2370 Main Street, Schnecksville, PA 18078
Descriptors: Area Vocational Schools, *Articulation (Program), Curriculum Development, *Electronics, *Electronic Technicians, *Interinstitutional Cooperation, Junior Colleges, Performance Based Education, Postsecondary Education, Secondary Education, *Task Analysis
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $21,096
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8819

Task-level articulation based upon the development of competency programming between the electronics technology courses of Lehigh County AVTS and Lehigh County Community College will be developed in this project. Procedures are to (1) conduct task analyses among electronics employers and technicians in Eastern Pennsylvania; (2) develop performance objectives, criterion-referenced measures, and performance guides required by regional industry needs; (3) develop suitable evaluation criteria for each task which meet industry standards; (4) develop a detailed course of study for a competency-based college electronics technology program; and (5) study the college's and the AVTS' courses of study to determine the hierarchy of tasks and organize them accordingly to make the two-year electronics technology program at Lehigh County AVTS directly equivalent in competency development to the college program. As a demonstration site, Lehigh Community College will serve to inform other two-year postsecondary institutions in Pennsylvania of the progress and results of the project, and share with interested institutions the articulated electronics technology course of study.

AR 79 0572

Task-Level Articulation in Welding between the Community College of Allegheny County and Parkway West Technical School.
Project Director: Whitworth, L. L.
Organization: Allegheny County Community Coll., Pittsburgh, Pa.
Address: 1130 Perry Highway, Pittsburgh, PA 15237
Descriptors: *Articulation (Program), Behavioral Objectives, Criterion Referenced Tests, Curriculum Evaluation, Curriculum Guides, Employment Qualifications, Evaluation Criteria, *Information Dissemination, Job Analysis, *Job Skills, *Performance Based Education, Postsecondary Education, Secondary Education, Task Analysis, *Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $20,026
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8820

Objectives of this project are to (1) produce task-level articulation based upon the development of competency-based programming between the welding courses of study of Parkway West AVTS and the Community College of Allegheny County; and (2) inform other two-year postsecondary institutions in Pennsylvania of the progress and results of this project and share the articulated welding course of study with interested institutions. Project staff will (1) conduct task analyses among welding employers and welders in western Pennsylvania to determine tasks required in performance of the job duties; (2) using performance objectives, measures and performance guides for combination welding in the V-TECS catalog as a foundation, make required modifications and select those that are appropriate to the needs of the local western Pennsylvania welding employers; (3) develop additional performance objectives, criterion-referenced measures and performance guides required by regional needs of industry; (4) develop suitable evaluation criteria for each task meeting industry standards; and (5) develop a detailed course of study for the college welding program to make it accurate as competency-based programming; (6) review the already constructed competency-based course of study for Parkway West's welding/metal fabrication program to determine the alterations in tasks and duties required as a result of the task analysis conducted as part of this project; and (7) study the two schools' course of study to determine the hierarchy of tasks and organize them to make the two-year welding/metal fabricating program at Parkway West directly equivalent in competency development to Welding I and II in the Community College program.

AR 79 0573

Task-Level Articulation: Secondary and Postsecondary Vocational Education Programs.
Project Director: Watters, Edmond
Organization: Williamsport Area Community College, Pa.
Address: Williamsport, PA 17701
Descriptors: Area Vocational Schools, *Articulation (Program), *Carpenters, Curriculum Development, *Electrical Occupations, *Interinstitutional Cooperation, Junior Colleges, Performance Based Education, Postsecondary Education, Secondary Education, *Task Analysis, *Welding
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $24,960
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8823

Project objectives are to (1) prepare and implement a task-level articulation program between secondary and postsecondary vocational instruction and beyond in at least three curricular areas in the fall semester of 1979; (2) establish a process and model to be used to implement an articulated instructional approach in other secondary and postsecondary vocational programs at the college; (3) develop and publish a project report on methods of designing task-level articulated curricula. A planning session will be held for all project participants to formally define the project parameters; review and analyze all existing materials such as V-TECS catalogs and competency-based instruction manuals for the programs in New Jersey, Ohio, Michigan, and California; and review competency lists for the electrical, welding, and carpentry trades.

AR 79 0574

Vocational-Technical Course in Petroleum Production (Continuation).
Project Director: Crumrine, Myron A.
Organization: Bradford Area School District, Pa.
Address: 50 Congress Street, Bradford, PA 16701
Descriptors: *Cooperative Education, *Experiential Learning, *Field Experience Programs, *Job Skills, *Petroleum Industry, *School Industry Relationship, Secondary Education, Student Employment, Student Placement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $36,341 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 84-8822

A course designed to train high school students for employment in the petroleum industry or related areas will continue to be conducted on an operating oil lease rather than in a traditional shop setting. The formalized course of study will expand the cooperative summer employment program for enrolled students, and provide job experience placement for qualified senior students. Project staff will conduct surveys of graduates and employers to help assess the program and survey the industry to update employment projection figures.

Curriculum Development (Sec. 133)

AR 79 0575

Adaptive Vocational Program for Trainable Mentally Retarded Youngsters.
Project Director: Pilker, Henry
Address: 1511 Peach Street, Erie, PA 16501
Descriptors: *Educational Coordination, High School Students, *Individualized Programs, School Shops, Secondary Education, Student Needs, *Student Placement, *Trainable Mentally Handicapped
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9006

A screening committee, composed of vocational and special education personnel, will select ten trainable mentally retarded (TMR) students who have demonstrated some type of vocational potential and assign them to a modified vocational homeroom in the technical high school. The homeroom teacher, certified in special education, the student's parents, and the vocational/special education support team will formulate IEPs based on parental, professional, and student attitudes toward the areas of vocational education that could best benefit the student. TMR students will be placed in various vocational shops

for a specific period of time to determine their vocational potential and to teach them everyday self-help skills. This process will allow staff to compile data on each youngster's experiences which will lead to a recommendation on the student's placement in vocational settings and also allow TMR students, other students, and regular class teachers to become acquainted with each other.

AR 79 0576

Biomedical Electronics Technology.
Project Director: Brown, Eugene M.
Organization: Harrisburg Area Community Coll., Pa.
Address: Harrisburg, PA 17110
Descriptors: *Biomedical Equipment, Community Colleges, Curriculum Guides, *Electronics, *Information Dissemination, *Instructional Materials, Pamphlets, Postsecondary Education, Programing (Broadcast), *Publicize
Identifiers: *Biomedical Electronics Technology
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $4,150
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9016

Curriculum, course outlines, and instructional materials necessary to implement a second option of biomedical electronic technology into a presently existing electronic servicing and merchandising program will be developed in this project. Public awareness of the program also will be developed. Procedures will include (1) developing brochures for distribution to organizations, schools, hospitals, the public, and internal and external counselors, (2) initiating visits to secondary schools, hospitals and other organizations for the dual purpose of public awareness and task analysis, (3) procuring and studying literature developed for other institutions, (4) developing a curriculum specific in nature and based upon data, and (5) confirming and finalizing curriculum and course outlines in conference with the American Association for Medical Instrumentation.

AR 79 0577

Competency-Based Curriculum Project at Steel Valley Area Vocational-Technical School.
Project Director: Pellegrino, James P.
Organization: Steel Valley Area Vocational Technical School, West Mifflin, Pa.
Address: 4920 Buttermilk Hollow Road, West Mifflin, PA 15122
Descriptors: Area Vocational Schools, Curriculum Development, *Delivery Systems, *Evaluation Criteria, *Instructional Materials, *Performance Based Education, *Task Analysis, *Teacher Workshops, Vocational Education Teachers
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $3,150
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9025

A competency-based curriculum will be developed for the existing programs in the present school in preparation for use in the new school. Teachers will identify tasks to be included in their respective curricula using V-TECS catalogs as a primary source, and craft committees will validate the selection of tasks. Methods of delivery and evaluative criteria will be generated for each task identified, and curricula that have been developed by other states or agencies will be used as resource material. Workshop sessions will be limited to four or five program areas at a time with a resource person or educational consultant assisting at all sessions. The project will involve approximately fifteen teachers representing existing programs in the present school. An orientation session will be held at the beginning to explain the intermediate objectives of the project and how the final product will impact on the school's delivery system.

AR 79 0578

Competency-Based Vocational Education Inservice Program.
Project Director: Barry, William F.
Organization: Connellsville, Pa. North Fayette County Area Vocational Technical School Connellsville, Pa.
Address: Locust Street Extension, Connellsville, PA 15425
Descriptors: Area Vocational Schools, Curriculum Evaluation, Educational Objectives, Employment Opportunities, *Exceptional Persons, Followup Studies, *Individualized Programs, *Inservice Teacher Education, *Learning Modules, *Performance Based Education, Performance Criteria, Secondary Education, *Student Needs
Funding Period: Start Date 1 May 79; End Date 30 Jun 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9020

Inservice training will be provided to staff of the North Fayette Area Vocational-Technical School in developing competency-based modules for each instructional area which take into account individual differences to better serve special needs and other students. To develop the modules, project staff will evaluate the curriculum for each area using employment data and graduate follow-up studies, work with craft advisory committees to update the curriculum and ensure that it is meeting the needs of industry, use V-TECS catalogs to identify tasks, and identify and write performance and learning objectives. The modules will be designed to provide monitoring of student progress for parents and potential employers.

AR 79 0579

Curriculum Materials Review Project.
Project Director: Howell, David L.
Organization: Pennsylvania State Univ., University Park
Address: 102 Armsby Building, University Park, PA 16802
Descriptors: *Bibliographies, *Curriculum Evaluation, *Educational Resources, Inservice Teacher Education, *Instructional Materials, *Resource Centers, Teacher Education, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,989 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8801

Objectives of the project are to (1) review curriculum materials available throughout the United States to assess their usefulness to vo-ag programs in Pennsylvania and recommend materials judged useful to Pennsylvania teachers; (2) stock a curriculum resource center with basic selected vo-ag curriculum materials to be used by teacher education undergraduates in agricultural education and for inservice education; (3) recommend available curriculum materials for use to vocational agriculture teachers; and (4) identify unmet needs in curriculum resources. An advisory committee will be established to select and review instructional materials to determine their suitability for Pennsylvania's use. The materials will include both those developed within and outside of Pennsylvania. Materials found suitable will be purchased and stocked in a resource center at The Pennsylvania State University. Further, the recommended materials will be displayed at state vo-ag meetings and local teachers will be informed of their availability. A catalog of recommended materials will be developed.

AR 79 0580

Developing Criterion-Referenced Measures through Vocational Staff Involvement.
Project Director: Hughes, Merrill I.
Organization: Delaware County Area Vocational Technical School, Media, Pa.
Address: Sixth and Olive Streets, Media, PA 19063
Descriptors: *Criterion Referenced Tests, Educational Objectives, Evaluation Methods, *Performance Based Education, School Involvement, *Teacher Developed Materials, *Teacher Workshops, *Test Construction
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $1,280
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9021

Selected teachers from the Delaware County AVTS will be guided in developing a model criterion-referenced test that can be used to produce approximately one-fourth of the companion tests required for existing individual unit objectives. Teachers will participate in four sessions of three hours each during the regular school day. In the first session, they will create the model; they will use the subsequent sessions to review at least three tests created by each teacher. At least ten tests for each of the fifty-five competency-based instructional areas will be produced.

AR 79 0581

Development of Instructional Materials in Anatomy and Physiology for Vocational Health Occupations.
Project Director: Gorth, William P.
Organization: National Evaluation Systems, Inc., Amherst, Mass.
Address: 30 Gatehouse Road, Amherst, MA 01002
Descriptors: *Anatomy, Curriculum Development, *Health Occupations Education, *Learning Modules, Literature Reviews, Needs Assessment, Performance Based Education, *Physiology
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $21,875
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8807

Competency-based instructional modules in anatomy and physiology will be designed and developed in this project to improve the quality of instruction in vocational education programs for practical nurses, nursing assistants, medical assistants, dental assistants, and emergency medical technicians in Pennsylvania. Results of a needs analysis and a review of pertinent projects and literature will be used to develop the modules, which will be written to teach specified instructional objectives. The content of the modules will be validated prior to field testing. One camera-ready copy of each module will be produced.

AR 79 0582

Development of the Greenhouse Production Module of a Horticultural Laboratory Record Book for Pennsylvania.

Project Director: Rhodes, Kenneth B.
Organization: Pennsylvania State Univ., University Park
Address: 102 Armsby Bldg., University Park, PA 16802
Descriptors: Agricultural Education, Area Vocational Schools, Curriculum Development, Evaluation Methods, Formative Evaluation, *Greenhouses, High Schools, *Horticulture, *Laboratory Manuals, *Learning Modules, *Material Development, *Records (Forms), Secondary Education, State Programs, Teacher Developed Materials, Unit Plan
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $4,733
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9008

To help meet the needs of directed laboratory production projects in horticulture, project staff will produce an outline for a functional horticulture record book for use in vocational and high school horticulture programs in Pennsylvania, the greenhouse production module of the record book, a unit of instruction to be used for field testing the greenhouse production module, and an evaluation instrument which will indicate the value of the instructional unit and record book in relation to student learning. A panel of nine persons, representing teachers of horticulture, university faculty, and greenhouse industry personnel, will review and revise the preliminary copy of the module.

AR 79 0583

Developmental and Organizational Materials for the Health Occupations Students of American (HOSA) Vocational Student Organization.

Project Director: Iwler, Irvin H.
Organization: Pittsburgh Univ., Pa.
Address: 4M38 Forbes Quadrangle, Pittsburgh, PA 15260
Descriptors: Cocurricular Activities, *Guidelines, *Health Occupations, *Organizational Development, Publications, Student Leadership, *Student Organizations
Identifiers: *Health Occupations Students of America
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $4,937
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9013

New bylaws, constitution and operating guidelines for the Health Occupations Students of American (HOSA) will be developed. This recognized national student organization is designed to develop physical, mental, and social well-being of the individual; leadership, character, and citizenship; and ethical practices and respect for the dignity of work. The primary project activities are (1) to identify, review, and evaluate existing materials, (2) develop needed additional materials, and (3) acquaint prospective student organization leaders with the bylaws and constitution. In addition to the final report, copies of the bylaws, constitution, and operating guidelines will be produced.

AR 79 0584

Establishing Small Business Ownership Programs for Women at the Community College Level.

Project Director: Snider, Jean
Organization: Westmoreland Community Coll., Youngwood, Pa.
Address: College Station, Youngwood, PA 15697
Descriptors: *Business Administration, Career Education, Community Colleges, Comprehensive Programs, Inservice Teacher Education, *Instructional Materials, Material Development, Nondiscriminatory Education, *Nontraditional Students, Postsecondary Education, *Program Development, *Womens Education
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 May 79; End Date 30 Jun 79
Fiscal Year Funding: $10,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9026

Community college personnel will be enabled to expand their nontraditional career programming for women to include a small business ownership module on a credit or noncredit basis. Project staff will conduct a literature search to identify existing entrepreneurship curriculum materials; gather ideas and resources from agencies and organizations at the local, state, and national levels who are dealing with female entrepreneurship; and conduct a workshop for community college practitioners on techniques for setting up small business ownership programs for women at the institutions. A manual entitled "Guidelines for Establishing Small Business Ownership Programs for Women" will be developed. In the two-day workshop, experts in female entrepreneurship and Westmoreland County Community College Women's Center personnel will present their methodologies for program development and assist workshop participants in developing comprehensive plans for their individual college settings.

AR 79 0585

Health Assistant Procedure Manual.

Project Director: Andreyka, Robert E.
Organization: Pennsylvania State Univ., University Park
Address: 207 Old Main, University Park, PA 16802
Descriptors: *Curriculum Guides, Dental Assistants, *Health Occupations, *Health Occupations Education, Hospital Personnel, Medical Assistants, Practical Nurses, Program Coordination, *Task Analysis, Teacher Developed Materials
Funding Period: Start Date 1 May 79; End Date 30 Jun 79
Fiscal Year Funding: $2,734
Sponsoring Agency: Pennsylvania State Board of Education, Harrisburg
Contract and/or Control No.: 93-9022

To coordinate the curriculum being taught in over seventy programs in Pennsylvania, project staff will develop a procedure manual for the health assistant curriculum by contacting resource persons from the Pennsylvania Department of Education and teachers of the health assistant curriculum; planning and conducting a three-day workshop in which participants will use the LPN, medical assistant hospital ward clerk, and dental assistant V-TECS catalogs to determine the duties, tasks, and performance guides needed in the curriculum; and assembling the procedure manual.

AR 79 0586

Individualized Approach for Becoming a Successful Business Manager.

Project Director: Bergerstock, Donald B.
Organization: Williamsport Area Community Coll., Pa.
Address: 1005 West Third Street, Williamsport, PA 17701
Descriptors: *Administrative Personnel, *Business Skills, Construction (Process), Curriculum Development, *Educational Resources, Females, *Individualized Programs, Instructional Materials, *Learning Modules, *Managerial Occupations, Manufacturing, Merchandising, Minority Groups, Services, Success Factors
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $17,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9010

Based on identified competencies necessary for owning and operating a small business, an individualized, basic managerial package will be developed for the areas of manufacturing, merchandising, service, and construction. Ancillary modules relating to a specific business will be developed. Specific modules will address problems affecting women and minorities in business. A resource base will be developed to provide initial input for the study, and later will be used as a reference library.

AR 79 0587

Integrating Industrial Arts into a Planned Program of Vocational Education at the Senior High School Level.

Project Director: Layman, Ralph M.
Organization: Lancaster County Area Vocational Technical Schools, Pa.
Address: 1730 Hans Herr Drive, Willow Street, PA 17584
Descriptors: *Articulation (Program), Career Exploration, *Curriculum Design, *Industrial Arts, Interinstitutional Cooperation, Junior High Schools, *Models, *Program Development, Research Methodology, Secondary Education, Senior High Schools
Funding Period: Start Date 1 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $16,435
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9007

A coordinated industrial arts curriculum model for junior-senior high schools will be developed for articulation into the vocational-technical curriculum at selected pilot home schools and the area vocational-technical schools. The model is intended to reduce some of the conflicts among industrial arts and vocational education teachers and administrators by helping students use competencies learned in industrial arts as entry skills into a regular vocational course, thereby giving the student a better chance to succeed in a course and gain additional skills. In addition, this integration will give students more opportunity for career exploration and readiness for the world of work. Project staff will work with industrial arts and vocational education teachers in developing trade competencies and skills and with the Vocational Education Information Network (VEIN) at Millersville State College and other agencies which could offer assistance and printed materials. A final report will be delivered.

AR 79 0588

Interstate Distributive Education Curriculum Consortium (IDECC) Membership.

Project Director: Gleason, James R.
Organization: Ohio State Univ., Columbus
Address: 119 Townshend Hall, 1885 Neil Avenue, Columbus, OH 43210
Descriptors: *Consortia, Curriculum Development, *Distributive Education, Educational Resources, *Instructional Materials, *Interstate Programs, Material Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8806

Pennsylvania's membership in the Interstate Distributive Education Curriculum Consortium (IDECC) will be maintained in this project in lieu of a comparable development project. Distributive education teacher-coordinators will have the opportunity to access IDECC materials. The IDECC subscription service will provide updated materials at minimum expense. In addition to the subscription service, membership provides classroom management ideas, newly developed implementation materials, a quarterly newsletter, and general classroom supporting materials. Specific items which have been or will be obtained through consortium membership include a competency master list, IDECC competencies for new DECA competitive events, a curriculum index card file, career-related bulletin boards, transparency masters, an IDECC operational guide, case studies, and revised learning activity packages.

AR 79 0589

Investigation to Determine the Validity and Viability of a Regional Biomedical Equipment Technician Program at the Community College Level.
Project Director: Mruk, Walter F.; Fenwick, Douglas E.
Organization: Philadelphia Community Coll.,Pa.
Address: 34 South 11th Street, Philadelphia, PA 19107
Descriptors: *Biomedical Equipment, Community Colleges, Documentation, *Electrical Occupations, Employment Trends, *Feasibility Studies, Information Dissemination, Media Selection, *Medical Laboratory Assistants, Meetings, *Paraprofessional Personnel, Postsecondary Education, Program Coordination, Program Development, Program Validation
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $9,238
Sponsoring Agency: Pennsylvania State Board of Education, Harrisburg
Contract and/or Control No.: 93-9019

To validate the viability of biomedical equipment technology as an emerging career, a study will be conducted that will provide pertinent data concerning the emergence of the biomedical equipment technician occupation in the greater Philadelphia region, the possibility of making the program an option to an existing electronics program, and the cost effectiveness of coordinating the program with several institutions. Biomedical equipment technician will be documented as an emerging occupation, curriculum materials for biomedical equipment technician and electronics technician will be analyzed and compared for relevance, and a program feasibility survey form will be developed. Site visits will be made to three existing biomedical equipment technician programs and to manufacturers of biomedical equipment, a meeting will be held to explore coordinated programming with other community colleges, and the feasibility survey form will be refined and mailed. A summary document and recommendations for further activities will be prepared and disseminated.

AR 79 0590

Metric Education for State Correctional Institutions and Youth Development Centers.
Project Director: Cope, Judith L.
Organization: Indiana Univ. of Pennsylvania
Address: Uhler Hall, Indiana, PA 15705
Descriptors: *Corrective Institutions, *Educational Programs, *Metric System, *Teacher Workshops, *Trainers, Vocational Education Teachers, *Youth Agencies
Funding Period: Start Date 7 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $4,985
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9003

The Adult Education Center at Indiana University of Pennsylvania will sponsor a metric education workshop designed for vocational teachers, curriculum coordinators, or other appropriate personnel with the ability or capability to train trainers in metric education at SCIs and YDCs. Workshop participants will be trained in using metric measurement in vocational education programs, conducting local metric workshops, and supporting local instructors in the implementation of metric measures in their instruction. Metric instructional packages published by the National Center for Research in Vocational Education, the Ohio State University, will be used as resources.

AR 79 0591

Modified Vocational Education Program for Students with Special Needs.
Project Director: Brown, Robert G.
Organization: Mercer County Area Vocational Technical School, Pa.
Address: P.O. Box 152, Mercer, PA 16137
Descriptors: Area Vocational Schools, *Educational Programs, *Handicapped Students, High School Students, *Individualized Programs, *Job Skills, Program Development, School Shops, Secondary Education, Seniors, *Skill Development
Funding Period: Start Date 1 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $8,800
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9004

Handicapped senior high school students preparing to enter the work force will participate in a one-year high-intensity vocational training program at the Mercer County AVTS. They will be involved in a variety of shops according to the skill competencies outlined in their IEPs.

AR 79 0592

Pedagogical Competencies and Instructional Alternatives for Vocational Teachers Serving the Disadvantaged: Executive Summary.
Project Director: Farmer, Edgar I.
Organization: Temple Univ., Philadelphia, Pa. Div. of Vocational Education
Address: Ritter Annex 447, Philadelphia, PA 19122
Descriptors: *Disadvantaged Youth, *Educational Alternatives, *Educational Research, Exceptional Persons, *Handicapped Students, *Teaching Skills, *Vocational Education Teachers
Funding Period: Start Date 15 Feb 79; End Date 30 Jun 79
Fiscal Year Funding: $700
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9009

To assist vocational teachers in recognizing the needs, interest, and abilities of the disadvantaged and other special needs students, an executive summary of an extensive research study of teaching competencies will be produced. The summary will include instructional alternatives that may be implemented into the vocational education curriculum.

AR 79 0593

Planning and Developing Small Business Management Careers.
Project Director: Ferencz, William R.
Organization: Harrisburg Area Community Coll., Pa.
Address: 3300 Cameron Street Road, Harrisburg, PA 17110
Descriptors: *Audiovisual Aids, *Business Administration, Data Analysis, Delivery Systems, *Instructional Materials, Needs Assessment, Postsecondary Education, Program Evaluation, *Program Planning, Questionnaires, *Student Recruitment
Identifiers: *Entrepreneurship Programs
Funding Period: Start Date 1 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $5,872
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9018

Small business owners or prospective owners will be provided an educational process and delivery system of credit course offerings to enhance their probability of career success. An advisory committee for small business management will be established. The program developer will investigate the needs of small business by surveying business needs and offerings of other educational institutions in higher education. A program of study will be prepared for the consideration of the faculty and advisory committee, and upon approval of data and ideas, specific courses and course outlines will be established to be class-tested in 1979-80. Recruitment and promotional material and audiovisual software will be developed or acquired. Specialty courses will be integrated in various existing programs of study including retailing, women in management, and accounting.

AR 79 0594

Preparation of a Multi-Media Package to Promote Positive Parental Attitudes toward Nontraditional Vocational Education.
Project Director: Wiles, Richard L.
Organization: Nova Productions, Inc., Butler, Pa.
Address: 328 South Main Street, P.O. Box 870, Butler, PA 16001
Descriptors: Equal Education, Film Production, Films, *Instructional Materials, *Multimedia Instruction, *Nondiscriminatory Education, *Parent Attitudes, Publicize, Research, *Sex Fairness, Sex Stereotypes, *Teaching Guides
Funding Period: Start Date 27 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $30,069

Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9023

A professionally executed multimedia program will be produced to increase awareness of and change attitudes about occupational sex-role stereotyping among parents of present and future students in vocational education. A fifteen-minute sound/color 16mm film, an associated trainer's guidebook, and a set of promotional materials will be developed. The program will help achieve sex fairness in vocational education, decrease the tendency to make occupational choices based upon sex-role stereotyping, and enhance the job satisfaction and performance possibilities for vocational education graduates.

AR 79 0595

Preparation of V-TECS Catalog–Heavy Equipment Mechanic (Continuation).
Project Director: Smith, Curvin C.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Address: McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Mechanics (Process), *Performance Based Education, Performance Criteria, Secondary Education, *Task Performance
Identifiers: Heavy Equipment Mechanics, *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 31 Mar 79
Fiscal Year Funding: $14,989
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8804

Development of a heavy equipment mechanic V-TECS catalog of performance objectives and criterion-referenced measures will be completed in this project. Results of studies, analyses of data, catalogs of performance objectives, and criterion-referenced measures will be submitted to the state technical coordinator. Project activities will consist of intensive training to effectively utilize the data from the task analysis system; conducting a domain study for catalog development; encompassing the broad instructional area; a computer analysis of the incombent worker survey; and preparing the field review and final versions of the catalog.

AR 79 0596

Preparation of V-TECS Catalog–Solar Heating Mechanics (Continuation).
Project Director: Smith, Curvin C.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Address: McKnight and Pine Creek Roads, P.O. Box 15073, Pittsburgh, PA 15237
Descriptors: Catalogs, Check Lists, Criterion Referenced Tests, *Mechanics (Process), *Performance Based Education, Performance Criteria, Secondary Education, *Solar Radiation, *Task Performance
Identifiers: Solar Heating Mechanic, *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 31 Mar 79
Fiscal Year Funding: $10,759
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8803

Development of a solar heating mechanic V-TECS catalog of performance objectives and criterion-referenced measures will be completed in this project. Results of studies, analyses of data, catalogs of performance objectives and criterion-referenced measures will be submitted to the state technical coordinator. Project activities will consist of intensive training to effectively utilize the data from the task analysis system; conducting a domain study for catalog development encompassing the broad instructional area; a computer analysis of the incumbent worker survey; and preparing the field review and final versions of the catalog.

AR 79 0597

Production of a Fifteen-Minute Sound/Color Film on Adapting Equipment for the Handicapped.
Project Director: Lanning, Robert; Miller, Robin
Address: 606 West Broad Street, Bethlehem, PA 18018
Descriptors: *Design Needs, *Educational Equipment, Facility Guidelines, Film Production, *Handicapped Students, *Instructional Films, *Mainstreaming, Sound Films
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $21,775
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9011

A fifteen-minute film will be produced to illustrate innovative adaptations in the design of standard vocational education equipment which allow for its use by the handicapped. The expected impact on education will be in the area of increasing teacher and administrator motivation and interest in successfully mainstreaming handicapped students into classrooms and institutions as well as in providing some tangible examples of ways in which this may be done. In addition to the 16mm film, a final report will be produced.

AR 79 0598

Production of Radio and Television Announcements on the Promotion of Nontraditional Vocational Education.
Project Director: Kanter, Ron; Arenson, Ellen
Organization: Ron Kanter Film Production, Philadelphia, Pa.
Address: 606 South 10th Street, Philadelphia, PA 19147
Descriptors: Audiotape Recordings, *Career Education, Career Opportunities, *Equal Education, Nondiscriminatory Education, *Nontraditional Occupations, *Programing (Broadcast), *Publicize, Public Relations, Sex Fairness, *Television Commercials
Funding Period: Start Date 1 Mar 79; End Date 15 Jun 79
Fiscal Year Funding: $25,549
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9012

Five thirty-second videotapes and five thirty-second audiotapes will be produced to publicize the role of vocational education. These tapes will be targeted to upper elementary and secondary students, adults, and employers. Their primary purpose is to (1) change attitudes and stimulate individual support for equal opportunity in vocational education, (2) publicize nontraditional vocations, and (3) demonstrate that individuals should make choices based on their abilities and talents and not on sex-role stereotypes and expectations. All five of the radio and two of the television public service announcements also will be produced in Spanish. Three of the television announcements will be adapted for the hard of hearing. Copies of the audiotapes and videotapes will be sent to the radio and television stations in Pennsylvania.

AR 79 0599

Project Management for Production of a Film on Adapting Equipment for the Handicapped.
Project Director: Smith, Curvin C.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Address: McKnight and Pine Creek Rds., P.O. Box 15073, Pittsburgh, PA 15237
Descriptors: Architectural Barriers, *Film Production, *Human Engineering, *Instructional Films, Mechanical Equipment, *Physical Design Needs, *Physically Handicapped, *School Industry Relationship
Funding Period: Start Date 20 Nov 78; End Date 30 Jun 79
Fiscal Year Funding: $4,000
Note: This project also received $3,500 under Section 133 for FY 1979.
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9002

Associated Education Consultants, Inc. (AEC) will manage a project to develop a 16mm sound and color film depicting how equipment modifications have been made to accommodate handicapped persons in specific educational programs. AEC will (1) identify innovative and purposeful adaptations of equipment for handicapped students or employees, (2) secure permission to film each of the selected equipment uses from each individual agency involved, (3) review proposed film script for contribution to the success of the final film presentation, (4) provide onsite consultation to insure that production will illustrate key aspects of equipment utilization for maximum benefit of viewers, (5) act as a liaison between producers and agency location, (6) schedule production and (7) monitor film production activities. Filming is expected to occur at twenty different sites during March and April 1979. The film will be delivered by another agency.

AR 79 0600

Records Management Competencies: Curriculum Implications for Business Educators.
Project Director: Wallace, Patricia
Organization: Temple Univ., Philadelphia, Pa. Div. of Vocational Education
Address: Philadelphia, PA 19122
Descriptors: *Business Education, Curriculum Development, *Curriculum Guides, *Job Skills, Postsecondary Education, *Recordkeeping, Secondary Education
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9105

A model for program design and development will be constructed for use by comprehensive and vocational technical secondary schools, community and junior colleges, and four-year colleges and universities. A list of minimum competencies in a records management course at each educational level, a list of job competencies differentiating between entry-level, intermediate and advanced positions; curriculum guides; and career ladder positions will be established. Additionally, a source of career information will be provided for counselor use. Data will be collected from a survey of a sample of the Association of Records Managers and Administrators. Nonrespondent bias will be

determined and the data will be analyzed using the statistical package for social sciences.

AR 79 0601

Revision of Distributive Education Teacher-Coordinator's Handbook.
Project Director: Hirshfeld, Marvin
Organization: Temple Univ., Philadelphia, Pa. Dept. of Distributive Education
Address: 287 Ritter Addition, Philadelphia, PA 19122
Descriptors: Curriculum Development, *Distributive Education, *Guides, *Instructor Coordinators, *Material Development, Photographs, *Preservice Education, *Vocational Directors
Funding Period: Start Date 16 Apr 79; End Date 30 Jun 79
Fiscal Year Funding: $2,680
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9024

A revised handbook will be produced for use by distributive education teacher-coordinators, preservice distributive education teacher training insititutions and vocational directors in administering distributive education programs. The handbook, published in 1969, will be reviewed and revised and the draft content validated by a distributive education program specialist in Pennsylvania, a team of teacher-coordinators, and a teacher educator of distributive education. A camera-ready copy of the handbook, including twenty to twenty-five reproducible photographs, will be prepared.

AR 79 0602

Rewrite of Competency-Based Events for Distributive Education Clubs of America (DECA).
Project Director: Hirshfeld, Marvin
Organization: Temple Univ., Philadelphia, Pa.
Address: 287 Ritter Addition, Philadelphia, PA 19122
Descriptors: Cocurricular Activities, *Conferences, *Distributive Education, *Evaluation Methods, Guidelines, Performance Based Education, *Standards, *Student Organizations
Identifiers: *Distributive Education Clubs of America
Funding Period: Start Date 2 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $8,802
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9005

In order to rewrite competency-based competitive events for DECA, project staff will (1) review and revise approximately 500 competency-based evaluation activities in seven USOE code areas, (2) review the guidelines for writing competitive events as developed by national DECA so that the revised activities will conform to the national guidelines, (3) review the current competency list for the seven areas in order to eliminate events where the competency is no longer listed, and (4) validate the revised events to determine if they conform to industry standards. A camera-ready copy of each event will be prepared. Activities developed will be used at local, regional, and state career development conferences.

AR 79 0603

Tool and Die Maker Curriculum Development (Continuation).
Project Director: Adelman, Frank W.
Organization: Pennsylvania State Univ., University Park
Address: 207 Old Main, University Park, PA 16802
Descriptors: Criterion Referenced Tests, Curriculum Development, *Instructional Materials, *Performance Based Education, Performance Criteria, Postsecondary Education, Secondary Education, Task Analysis, *Tool and Die Makers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $27,804
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9001

To provide validated instructional materials including lists of duties, tasks, tools, and equipment used by incumbent workers in tool and die occupations, project staff will complete an inventory of tasks based on a state-of-the-art study and organize this in booklet form; complete the final report of the domain study; continue sampling of incumbent workers; and prepare and field test a catalog of performance objectives and criterion-referenced measures. The field testing will be conducted using practicing teachers and instructors at the secondary and postsecondary levels. A final report will be delivered.

AR 79 0604

V-TECS Catalog Development: Medical Secretary.
Project Director: Smith, Curvin C.
Organization: Associated Educational Consultants, Inc., Pittsburg, Pa.
Address: McKnight & Pine Creek Rds., P.O. Box 15073, Pittsburgh, PA 15237
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Performance Based Education, Performance Criteria, Secondary Education, *Secretaries, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 5 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $15,494
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 93-9014

Valid curriculum materials for vocational education programs for the occupation of medical secretary will be developed in this project. A catalog of performance objectives and guides, including a tools and equipment list, will be submitted to the state technical coordinator and will adhere to the detailed instructions provided by the V-TECS staff. Specifically, procedures will include: (1) personnel development, including intensive training to effectively use the data from the task analysis system, (2) the domain study for catalog development, which will encompass the broad instructional area, (3) computer analysis of incumbent worker survey, (4) preparation of the field review version of the catalog, and (5) final preparation of the catalog. A state-of-the-art study for the medical secretary occupation will be delivered.

AR 79 0605

Vocational Education Resources Diffusion.
Project Director: Keyes, Erma D.
Organization: Millersville State Coll., Pa.
Address: Millersville, PA 17551
Descriptors: *Diffusion, *Educational Resources, *Information Dissemination, Information Networks, *Instructional Materials, *Program Development, Program Evaluation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $73,688 (Charged to FY 1978)
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8802

Using the V-TECS Diffusion Plan for Pennsylvania as a starting point in promoting diffusion activites to other resources already developed, this project is intended to (1) facilitate the use of V-TECS materials by vocational educators in local schools, (2) facilitate the use of other recommended vocational education resources by local practitioners, and (3) demonstrate that structured diffusion of vocational education resources fosters their use and reduces product development costs. The project has developed a variety of resources which will be evaluated for appropriateness as instruction tools in vocational education programs. Results of V-TECS diffusion efforts will be studied to determine how training materials and sessions can be made more effective, both for V-TECS and other resources. Depending on these results, the original diffusion plan may be revised and extended.

AR 79 0606

Vocational-Technical Education Consortium of States (V-TECS) Membership.
Project Director: Childers, B. E.
Organization: Southern Association of Colleges and Schools, Atlanta, Ga.
Address: 795 Peachtree Street North East, Atlanta, GA 30308
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, Inservice Teacher Education, *Performance Based Education, Performance Criteria, Preservice Education, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,000
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: 85-8805

This project provides a one-year V-TECS membership for Pennsylvania in order to minimize duplication, share research and development outcomes in defining valid curriculum content, promote performance-based instruction, and improve overall accountability. The following tasks will be undertaken during the project: (1) the RCU will plan, coordinate, and monitor the development of agreed-upon catalogs for V-TECS; (2) various selected committees within each state will conduct validation and diffusion activities of V-TECS products; (3) a full-time staff member will serve as technical coordinator of V-TECS and will manage diffusion activites; (4) one representative from the state will serve as a board of directors' member; and (5) the RCU will develop and implement a comprehensive plan of preservice and inservice teacher education on the use of materials developed by the V-TECS.

SOUTH CAROLINA

Research (Sec. 131)

AR 79 0607

Articulation Program between the Marlboro Vocational School and the Chesterfield-Marlboro Technical College.
Project Director: Rentz, William D.
Organization: Marlboro Area Vocational Center, Bennetsville, S.C.
Address: Rutledge Office Building, 1429 Senate Street, Columbia, SC 29512
Descriptors: *Advanced Placement, Advanced Placement Programs, Area Vocational Schools, *Articulation (Program), *College Credits, *College High School Cooperation, Curriculum Development, Data Collection, Followup Studies, Information Dissemination, Interinstitutional Cooperation, *Performance Based Education, Postsecondary Education, Secondary Education, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,900
Sponsoring Agency: South Carolina State Dept. of Education, Columbia

Under this project, the Marlboro Vocational School and the Chesterfield-Marlboro Technical College will work together to develop a means of comparing the present demands and results of their training and a system and materials which will facilitate the awarding of course credit for students at the vocational center who wish to continue their vocational training at the technical college. Specific objectives are to (1) compare the curriculum in six programs with V-TECS curriculum guides, (2) compare and revise or resequence the curriculum of the two schools to agree with the V-TECS objectives, (3) develop a joint articulation process for each of the six areas which will outline each step to be completed and each competency to be mastered before advanced credit can be given, (4) develop a performance profile for each of the six instructional areas to provide a basis for the entitlement of advanced credit, (5) develop a plan for the exchange of information for advanced placement and follow-up, and (6) develop a basic research plan to gather and disseminate the information necessary to improve and revise or reorganize the basic articulation in each area. An individual packet will be prepared for each of the six vocational areas; each packet will provide the applications, forms, and processes necessary for a student to receive advanced placement in that area. Specified materials will be delivered as ten packets for each of the six areas.

AR 79 0608

Assessment of Vocational and Technical Education Needs in South Carolina.
Project Director: Chastain, L. Joel
Organization: Research Coordinating Unit, Office of Vocational Education, Columbia, S.C.
Address: 1429 Senate Street, Columbia, SC 29201
Descriptors: *Educational Assessment, *Educational Planning, *Long Range Planning, *Needs Assessment, Program Evaluation
Funding Period: Start Date 1 Jan 78; End Date 31 Dec 79
Fiscal Year Funding: $54,900 (Charged to FY 1978)
Sponsoring Agency: South Carolina State Dept. of Education, Columbia

A comprehensive assessment of vocational needs in South Carolina will be conducted to improve the immediate and long-range planning process for vocational education personnel. The project design will include a review of national factors (educational issues, federal legislation, public attitudes and opinions, futures studies, and various national data); a review of state factors (population and economic characteristics, vocational education organization and governance, economics and employment projections, and state legislation); an overview of the system (input, process, and output variables); a perceptual overview of South Carolinians (general public, business/industry, students, and educators); and a synthesis of the data. Three documents will be produced: a comprehensive report of the entire study and a comprehensive report and executive summary of the perceptual overview component.

AR 79 0609

Employer Needs Assessment for Anderson, Oconee, and Pickens Counties.
Project Director: Busha, Charles
Organization: Tri-County Technical Coll., Pendleton, S.C.
Address: P.O. Box 587, Pendleton, SC 29670
Descriptors: Area Vocational Schools, Data Analysis, Data Collection, *Employment Trends, *Job Training, *Labor Market, *Needs Assessment, Postsecondary Education, *Program Improvement, *Program Planning, Secondary Education, Surveys, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,145 (Charged to FY 1978)
Note: This project also received $8,516 in local funds for FY 1978
Sponsoring Agency: South Carolina State Dept. of Education, Columbia

In order to collect quantitative data on the competency training needs of county-area businesses and industries, the project will (1) develop a needs assessment model to assess the training needs of the employers in a rural area of South Carolina in fiscal year 1979, (2) develop and implement a needs assessment instrument that will provide specific information on employer training needs over a five-year period in the tri-county area, (3) evaluate the data results, and (4) report on the findings and procedures used. A survey will be conducted by mail and a follow-up will be conducted through personal interviews by trained personnel.

AR 79 0610

Survey of Teacher Administrator Perceptions of South Carolina's Vocational Education Curriculum Development Needs.
Project Director: Appel, Barbara C.
Organization: National Evaluation Systems, Inc., Amherst, Mass.
Address: 30 Gatehouse Road, Amherst, MA 01002
Descriptors: *Administrator Attitudes, Agriculture, *Curriculum Planning, Data Collection, Distributive Education, *Educational Needs, Health Occupations, Home Economics, Industrial Arts, *Needs Assessment, Office Occupations, Questionnaires, Secondary Education, *Surveys, *Teacher Attitudes, Trade and Industrial Education
Funding Period: Start Date 1 May 79; End Date 31 Jul 79
Fiscal Year Funding: $33,250
Sponsoring Agency: South Carolina State Dept. of Education, Columbia

The State Department of Education, Office of Vocational Education, will be apprised of specific curriculum development needs and thus be able to more effectively develop long- and short-range curriculum development plans and produce more cost effective and useful products. To accomplish this, surveys of secondary vocational teachers and administrators will be conducted to determine their perceptions of the curriculum development needs of vocational education in South Carolina. Two survey instruments will be developed, one for teachers and one for administrators. The teacher instrument will be mailed to approximately 2400 high school vocational and prevocational teachers. The second questionnaire will be sent to approximately 600 administrators located in 220 high schools, area vocational centers, and 20 special institutions throughout South Carolina. The data will be collected in nine program areas: consumer and homemaking (non-occupational), industrial arts, prevocational, agriculture, distributive education, health occupations, occupational home economics, office occupations, and trade and industrial education. The data for trade and industrial education will be further differentiated into twenty-two course offerings. Finally, the data will be compiled, analyzed, and reported to appropriate State Department of Education, Office of Vocational Education, staff members.

SOUTH DAKOTA

Exemplary and Innovative (Sec. 132)

AR 79 0611

Career Competency Project (Continuation).
Project Director: Ritenour, Carl
Organization: Huron School District 2-2, S. Dak.
Address: Huron, SD
Descriptors: *Administrator Education, *Career Education, Class Activities, Counselor Educators, Elementary Secondary Education, Information Dissemination, *Inservice Teacher Education, *Instructional Materials, *Integrated Curriculum, Learning Modules, Program Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $109,000
Sponsoring Agency: South Dakota State Dept. of Education and Cultural Affairs, Pierre

In order to provide students with better information upon which to base career decisions, project staff will (1) provide career education inservice training to approximately thirty K-12 South Dakota school districts, and encourage implementation of career education into the local school curriculum; (2) disseminate career education materials state-wide on a checkout basis; and (3) assist colleges and universities in infusing career education into teacher, counselor, and administrator education programs. The inservice and technical assistance will be provided by FTE's to LEA's and colleges and universities. Activity packets and examples of available materials will be utilized. LEA career education plans for grades K-12 will be produced as part of the project.

TENNESSEE

Research (Sec. 131)

AR 79 0612

Long-Range Plans for the Maintenance of Vocational Education Equipment.
Project Director: Moody, Ferman B.
Organization: Ohio State Univ., Columbus. National Center for Research in Vocational Education
Address: 1960 Kenny Road, Columbus, OH 43210
Descriptors: *Equipment Evaluation, *Equipment Maintenance, Equipment Standards, *Facility Inventory, *Facility Utilization Research, *Industrial Arts, *Systems Approach
Funding Period: Start Date 15 Mar 79; End Date 31 Dec 79
Fiscal Year Funding: $119,461 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: FA 8399

Long-range plans will be devised and implemented for maintaining adequate quality vocational and industrial arts equipment in quantities sufficient to support program objectives in Tennessee. As a result of reviewing new and old procedures for assessing the status, condition, and projected longevity of major equipment used in secondary and postsecondary vocational programs and analyzing old equipment needing replacement for 1980-1981, detailed depreciation schedule and inventory control system procedures will be developed. Three hundred fifty copies of a monograph will be distributed and a final report will be delivered.

Exemplary and Innovative (Sec. 132)

AR 79 0613

Cooperative Program for Improvement of Guidance Skills in Comprehensive Vocational Education.
Project Director: Hardin, Dallas
Organization: East Tennessee State Univ., Johnson City
Address: Johnson City, TN
Descriptors: Articulation (Program), *Counselor Training, *Curriculum Planning, Guidance Functions, *Occupational Guidance, *Program Development, *School Industry Relationship, Skill Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $14,392 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: 311.45

Through four one-day seminars and a culminating two-day workshop, First District guidance counselors will gain an in-depth awareness of comprehensive vocational-technical education and its relationship to business and industry. A community survey will be used to determine specific topics, and as the seminars are conducted, participants will be pre- and posttested to determine whether objectives are met. Objectives will include activities such as defining career guidance on a national and state basis; listing methods of implementing career guidance; identifying guidance concerns in operating a comprehensive high school; listing the learning styles of disadvantaged, handicapped, and gifted students; listing functions of vocational rehabilitation centers; identifying qualifications necessary for business and apprenticeship programs; comparing interpretations of the interrelationship between education and employment from the counselor's and from industry's viewpoint; identifying nontraditional careers for men and women; and writing competency objectives.

AR 79 0614

Counselor Renewal Program.
Project Director: Pease, Dorothy M.
Organization: Nashville - Davidson County Metropolitan Public Schools, Tenn.
Address: Nashville, TN
Descriptors: *Career Education, Counseling Effectiveness, Counselor Attitudes, *Counselor Training, *Educational Counseling, *Inservice Programs, Principals, *Secondary School Counselors, Staff Improvement, Staff Orientation, Student Placement, Workshops
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,648 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville

Two two-day workshops will be held during this project involving junior and senior high school guidance counselors and principals. Objectives are to (1) provide counselors with a thorough orientation to vocational education, (2) give counselors an understanding of career education, and (3) define a comprehensive placement program. As a follow-up to the conference, counselor participants will develop one or more products or plans to be implemented in the local school setting. Pre- and posttests will be used to evaluate the information level of participants as it relates to the objectives, and all conference activities used to develop the three objectives will be rated.

AR 79 0615

Design and Implementation of an Articulated Guidance and Placement Program in Comprehensive High School and Vocational Centers.
Project Director: Hugueley, James E.
Organization: Memphis City School System, Tenn.
Address: Memphis, TN
Descriptors: *Articulation (Program), Comprehensive High Schools, Followup Studies, *Job Placement, *Occupational Guidance, *Program Development, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $55,028 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.21

Designed to assist vocational senior students attending twenty-two comprehensive high schools and vocational and technical centers in placement and articulation efforts, this project will also produce a guide containing identifiable resources and procedures which can be used in other school settings. Project objectives are to (1) implement and improve a program of occupational guidance information and techniques which will ensure that a maximum number of young people will articulate into continuing vocational and technical programs and in full-time jobs related to vocational training; (2) utilize, adapt, and refine a series of readiness sessions which will ensure maximum relevance of vocational instructions for the world of work and obtaining a job; (3) develop within students the ability to appraise their career and occupational goals in a manner equal to their abilities, desires, and the forecasted needs in business and industry; (4) develop a series of transportable procedures and methods relevant to other Tennessee school systems; and (5) develop a complete follow-up method which will provide information to be used to evaluate the project's success.

AR 79 0616

Design and Implementation of an Articulated Guidance and Placement Program in Sullivan Central and Sullivan East Comprehensive High Schools.
Project Director: Brewer, Vaughn
Organization: Sullivan County Schools, Blountville, Tenn.
Address: Blountville, TN
Descriptors: *Articulation (Program), Comprehensive High Schools, Followup Studies, *Job Placement, *Occupational Guidance, *Program Development, Resource Materials, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $35,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.25

This project will develop a vocational program that meets the needs of both the community and students and which ensures student placement. Project objectives are to (1) develop procedures for the assessment of students to help ensure their placement, (2) use guidance and placement personnel to develop job resource centers in each comprehensive high school, (3) increase the understanding and acceptance of vocational education as a tool in the total education program, and (4) develop a systematic, continuous job placement and follow-up program for vocational graduates. Civic, business, and educational agencies along with guidance counselors, school administrators, teachers, and parents will be involved in the project.

AR 79 0617

Exemplary Child Care and Guidance Program for Hillwood High School (Continuation).

Project Director: Hurst, Mrs. Stewart
Organization: Nashville - Davidson County Metropolitan Public Schools, Tenn.
Address: Nashville, TN
Descriptors: *Child Care Occupations, Disadvantaged Youth, Employment Opportunities, Employment Qualifications, *Experiential Learning, *Guidance Programs, Secondary Education, *Student Evaluation, Work Experience Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $23,478 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.24

The second year of this project should provide (1) student achievement in vocational English, math, and reading and (2) knowledge and skills necessary for gainful employment in child care centers. Project objectives are to develop evaluation procedures for assessing students' competencies for employment in child care centers and provide career data on job openings in local child care centers. Two classes of fifty-eight students will be enrolled in one two-hour and one three-hour block of time. The second-year students will participate in classroom instruction, day care experiences, and on-the-job training. A final report will be produced which will include an evaluation, a description of program strengths and weaknesses, and recommendations for program continuation.

AR 79 0618

Exemplary Program Designed to Enroll Males in Shorthand.

Project Director: Drennan, H. Dalton
Organization: Middle Tennessee State Univ., Murfreesboro
Address: Murfreesboro, TN
Descriptors: Curriculum Development, *Enrollment, Job Skills, *Males, *Nontraditional Occupations, *Office Occupations Education, Secondary Education, Sex Fairness, Sex Stereotypes, *Stenography, Student Attitudes
Funding Period: Start Date 29 Aug 78; End Date 29 May 79
Fiscal Year Funding: $12,472 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: 331.45

To reduce sex bias and stereotyping in office education programs in the state and provide male students with a skill which will help them obtain a job, project staff will (1) enroll male students in shorthand classes, (2) develop a positive attitude by males toward shorthand and office education, and (3) construct materials for teaching shorthand which are more male oriented. Male students will first be screened to select those who can potentially benefit from shorthand instruction and then placed in a beginning class of males only which will later be integrated into classes with females. A testing program will be developed which will include both teacher-constructed and standardized tests. An individual folder will be kept on each student; it will include such items as samples of work, a progress chart, and a record of absences. Input from students and the instructor plus several follow-up studies will be used to evaluate the program.

AR 79 0619

Exemplary Project to Design and Implement a Guidance and Placement Program at Heritage Comprehensive High School and the Blount Occupational Education Center.

Project Director: Goins, J. L.
Organization: Blount County Schools, Maryville, Tenn.
Address: Maryville, TN
Descriptors: *Career Education, Counselors, *Educational Resources, Elementary Education, Grade 9, *Job Placement, *Occupational Guidance, *Program Development, Retraining, Senior High Schools, Student Evaluation, *Student Placement
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $35,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville

This exemplary program is expected to provide a format and procedures that other systems can use in implementing a county-wide vocational assessment guidance and placement program. Project objectives are to (1) develop and implement effective counseling and placement programs for vocational high school students in the nine schools in Blount County, (2) create occupational awareness programs for elementary schools, (3) develop occupational exploratory courses for ninth grade students, and (4) develop a student assessment program to assist students in enrolling in courses most closely related to their abilities and aptitudes. The counseling and placement programs to be implemented will help ensure proper student placement in vocational education programs and provide personal and individual assistance to students seeking employment and additional training after high school. The guidance counselors will be provided with re-training, up-to-date experiences. The vocational director and the guidance and placement coordinator will work with the counselors, school boards, advisory committees, employers, students, and the general public to help carry out project objectives. Materials which will be produced for possible use by other systems include an occupational information handbook, placement brochures, a training sponsor handbook, and an on-the-job handbook for students.

AR 79 0620

Greene County Guidance Placement Program.

Project Director: Sellers, Floyd
Organization: Greene County Schools, Greeneville, Tenn.
Address: Greeneville, TN
Descriptors: Interagency Cooperation, *Job Placement, *Occupational Guidance, Program Development, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $28,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.27

The overall objective of this project is to provide vocational guidance and placement services to four Greene County high schools and to the Greeneville-Greene County vocational school. Using a placement team approach involving educators, employers, agencies and resource people, the project will be organized by a placement coordinator who will work with the Tennessee Department of Employment Security, CETA, Vocational Rehabilitation, local employers, and other agencies. Inservice activities, student surveys and discussions, and surveys and contacts with employers and other community members will be used. Anticipated results of the project include student attendance improvement and youth unemployment reduction.

AR 79 0621

Placement Services in Relation to the Success of Vocational Programs.

Project Director: Morgan, Helen
Organization: Rhea County Dept. of Education, Dayton, Tenn.
Address: Dayton, TN
Descriptors: Cooperative Education, Followup Studies, *Job Placement, *Prevocational Education, *Program Effectiveness, *Program Evaluation, Secondary Education
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $24,339 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.28

The placement program implemented in this project will enhance students' opportunities for successful job placement. Program objectives are to (1) provide pre-vocational orientation to improve the placement of incoming students and to help them make meaningful vocational decisions, (2) establish a placement office which will place students in jobs upon successful completion of vocational programs, and (3) collect placement and follow-up data and disseminate it to vocational personnel for use in program evaluation and improvement.

AR 79 0622

Project SAVE. An Articulated Guidance and Placement Program for Handicapped Youth.

Project Director: Miller, E.C.
Organization: Metro Nashville Public School, Tenn.
Address: Nashville, TN
Descriptors: *Handicapped Students, Job Placement, *Mobile Educational Services, Secondary Education, *Student Placement, *Student Testing
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $7,940 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.23

One hundred handicapped students entering the VAP program in the ninth or tenth grade will be tested to determine areas of vocational strengths and weaknesses; the information will be used to place VAP students in the regular vocational program and for job placements. Parttime testers will conduct the SAVE evaluations in a mobile vocational evaluation center and will develop reports for teacher use based on the test. A manual describing procedures will be included in the final report.

AR 79 0623

Request to Include Existing Guidance Counselors from Four Counties in the Development and Implementation of a Comprehensive Guidance Program in Grades 7-12.

Organization: Clarksville-Montgomery County Schools, Tenn.
Address: Clarksville, TN 37040

Descriptors: *Career Education, *Counselors, *Counselor Training, Guidance Programs, *Inservice Education, Program Development, Secondary Education, Student Placement
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $30,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: G 78.12

Twenty-four counselors from a four-county region will be enrolled in classes at Austin Peay State University for ten months, with classes meeting once a month for 150 minutes each. The classes will provide existing counselors with a thorough orientation in career education with emphasis on vocational and technical curricula, with resources enabling them to place students in satisfying and rewarding vocational programs, and with skills in interpreting employment opportunities relative to the interests of students; and to instill in existing counselors a profound sense of their role in a comprehensive placement program. Class lectures will include job analysis, case presentations, practice vocational guidance interviews, and talks by experts in areas related to career counseling. A seven-day training session in on-site job description and an eight-day classroom session on needs assessment and evaluation will be conducted. Brochures for each vocational program, an orientation slide cassette, and a compilation of job descriptions will be produced.

AR 79 0624

Summer Experience in Prevocational Education.
Project Director: Colston, Henry L.
Organization: Hamilton County Schools, Chattanooga, Tenn.
Address: Chattanooga, TN
Descriptors: *Career Education, *Prevocational Education, Safety Education, Senior High Schools, Student Interests, Student Recruitment, *Summer Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $58,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E78.22

Student recruitment into vocational programs will be achieved through a summer prevocational experience to help students explore eight occupational areas and motivate them to achieve in basic academic subjects. To determine interest in the course, math students will be surveyed using the Ohio Vocational Interest Survey. Students will rotate among eight vocational programs, receive printed program sequence for each vocational course and projected courses for grades 10-12, and demonstrate knowledge of shop safety. Those who can best benefit from vocational programs will be identified; program completers will receive one-half credit. A summary report will be prepared.

AR 79 0625

Summer Experience in Prevocational Education.
Project Director: Colston, Henry L.
Organization: Hamilton County Schools, Chattanooga, Tenn.
Address: Chattanooga, TN
Descriptors: *Career Education, *Prevocational Education, Safety Education, Senior High Schools, Student Interests, Student Recruitment, *Summer Programs
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $58,000 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: E 78.22

This summer experience program will provide a means for potential enrollees to use vocational programs. The program will (1) provide students with exploration in eight occupational areas, motivation for student achievement in future basic academic subjects, and projected courses for grades 10-12; (2) present students with a printed program sequence for each vocational course; (3) identify students who can best benefit from vocational programs; and (4) ensure that each student demonstrates knowledge of shop safety. A survey will be made of math students to determine their interest in the summer experience program and the Ohio Vocational Interest Survey will be used to assess these students. Program completers will receive one-half credit.

Curriculum Development (Sec. 133)

AR 79 0626

Domain Study for Articulated Competency-Based Curriculum in Automotive Services--Mechanics.
Project Director: Dunn, Charlie
Organization: Middle Tennessee State Univ., Murfreesboro
Address: Murfreesboro, TN 37130
Descriptors: *Articulation (Program), Auto Mechanics, *Auto Mechanics (Occupation), Career Ladders, Curriculum Development, *Employment Qualifications, Entry Workers, *Instructional Materials, *Job Analysis, Job Skills, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $22,512 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0360

A domain committee will analyze curriculum materials and courses of study in automotive services to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve project progress, reports, and products.

AR 79 0627

Domain Study for Articulated Competency-Based Curriculum in Business Data Processing Systems Occupations.
Project Director: Mann, Edward C.
Organization: State Technical Institute at Memphis, Tenn.
Address: 5983 Macon Voce, Memphis, TN 38134
Descriptors: *Articulation (Program), Career Ladders, Curriculum Development, *Data Processing Occupations, *Employment Qualifications, Entry Workers, *Instructional Materials, *Job Analysis, Job Skills, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $47,355 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0362

A domain committee will analyze curriculum materials and courses of study in business data processing systems occupations to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve project progress, reports, and products.

AR 79 0628

Domain Study for Articulated Competency-Based Curriculum in Industrial Arts.
Project Director: Mann, Edward C.
Organization: State Technical Institute at Memphis, Tenn.
Address: 5983 Macon Cove, Memphis, TN 38134
Descriptors: *Articulation (Program), Career Ladders, Curriculum Development, *Employment Qualifications, Entry Workers, *Industrial Arts, *Instructional Materials, *Job Analysis, Job Skills, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $47,355 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0359

A domain committee will analyze curriculum materials and courses of study in industrial arts to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve subject progress, reports, and products.

AR 79 0629

Domain Study for Articulated Competency-Based Curriculum in Marketing I.
Project Director: Pearson, Ed
Organization: Memphis State Univ., Tenn.
Address: Memphis, TN 38152
Descriptors: *Articulation (Program), Career Ladders, Curriculum Development, Distributive Education, *Employment Qualifications, Entry Workers, *Instructional Materials, *Job Analysis, Job Skills, *Marketing, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $23,663 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0364

A domain committee will analyze curriculum materials and courses of study in Marketing I to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve project progress, reports, and products.

AR 79 0630

Domain Study for Articulated Competency-Based Curriculum in Ornamental Horticulture.

Project Director: Todd, John
Organization: Tennessee Univ., Knoxville
Address: Knoxville, TN 37916
Descriptors: *Articulation (Program), Career Ladders, Curriculum Development, *Employment Qualifications, Entry Workers, *Instructional Materials, *Job Analysis, Job Skills, Ornamental Horticulture, *Ornamental Horticulture Occupations, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $13,661 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0346

A domain committee will analyze curriculum materials and courses of study in ornamental horticulture to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve project progress, reports, and products.

AR 79 0631

Domain Study for Articulated Competency-Based Curriculum in Parenthood Education and Family Living.

Project Director: Field, Suzanne
Organization: Shelby State Community Coll., Memphis, Tenn.
Address: Memphis, TN 38104
Descriptors: *Articulation (Program), Career Ladders, Curriculum Development, *Employment Qualifications, Entry Workers, Family Life Education, *Instructional Materials, *Job Analysis, Job Skills, *Parenthood Education, *Performance Based Education
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 7[illegible]
Fiscal Year Funding: $23,512 (Charged to FY 1978)
Sponsoring Agency: Tennessee State Dept. of Education, Nashville
Contract and/or Control No.: ID0361

A domain committee will analyze curriculum materials and courses of study in parenthood education and family living to develop a detailed job structure, arranged from lowest to highest job title, and to identify minimum employment competencies for articulation by performance level for each job title. A review team of representatives from education, business and industry, and vocational advisory groups will monitor, review, and approve project progress, reports, and products.

TEXAS

Research (Sec. 131)

AR 79 0632

Assessment of the Advisory Council for Technical-Vocational Education in Texas (Continuation).
Project Director: Skinkle, John
Organization: Texas A&M Univ., College Station
Address: College Station, TX 77843
Descriptors: *Advisory Committees, Historical Reviews, *Program Effectiveness, *Program Evaluation, Technical Education
Funding Period: Start Date 1 Jul 78; End Date 31 Aug 78
Fiscal Year Funding: $12,851 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230067

An assessment and recommendations for improving the effectiveness of the Advisory Council for Technical-Vocational Education in Texas will be the result of this project. Systematic and comprehensive reviews will be made of all council publications and actions. Information collected by the council will be analyzed by the project staff to determine congruency with council recommendations. Knowledgeable individuals will be used as a review team to validate the findings, conclusions, and recommendations of the project staff. More specifically, procedures will include (1) reviewing and summarizing the history of the establishment, membership, and implementation of the council; (2) analyzing and categorizing the council's recommendations; (3) analyzing the congruency of council recommendations with information obtained by the council through studies, hearings, and other sources; (4) determining the extent that actions taken by the state board for vocational education were influenced by council recommendations; (5) identifying evidence of changes resulting from council recommendations; (6) determining characteristics that tend to distinguish recommendations which result in improvement of the state's program of vocational education; and (7) developing recommendations for improving the council's effectiveness. A final report and a summary version of a final report will be prepared.

AR 79 0633

Assessment of the Basic Curriculum Guide for Teaching Vocational Agriculture in Texas (Continuation).
Project Director: Brown, Herman D.
Organization: Texas A&M Univ., College Station
Address: College Station, TX 77843
Descriptors: Advisory Committees, Curriculum Development, *Curriculum Evaluation, *Curriculum Guides, Instructional Materials, Teacher Attitudes, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 31 Aug 78
Fiscal Year Funding: $8,012 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230068

A revised curriculum guide for vocational agriculture will be produced and disseminated to all vocational agriculture teachers in Texas. The project staff will survey other states for relevant materials to include as resource materials in developing a curriculum guide. Staff will discuss an instrument to determine reactions of vocational agriculture teachers to the proposed revised guide. The state director of agricultural education in the Texas Education Agency will be asked to appoint a twenty-five-member state advisory committee to provide direction and advice to the project staff. Three advisory committee meetings will be scheduled during the project. Subcommittees will be organized throughout the state and may include additional personnel not appointed to the original state committee. The state advisory committee will be responsible for validating the revised basic curriculum guide. A comprehensive final report will be delivered.

AR 79 0634

Curriculum Development for Specialized Distributive Occupational Areas (Continuation).
Project Director: Patterson, Edith
Organization: Houston Independent School District, Tex.
Address: Houston, TX 77004
Descriptors: *Clothing, *Credit (Finance), Curriculum Development, Curriculum Evaluation, *Curriculum Guides, *Distributive Education, *Marketing, *Retailing
Funding Period: Start Date 1 Jul 78; End Date 30 Sep 78
Fiscal Year Funding: $9,973 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230065

Curriculum guides in the specialized distributive education areas of fashion, retailing, food distribution, industrial/wholesale marketing, and finance and credit will be field tested in fifty selected distributive education programs. Visits will be made to test sites to monitor the use and evaluation of the guides by participating teachers. After revisions have been made, these field-tested and validated guides will then be prepared for publication. The resulting curriculum materials will be made available to distributive education programs throughout the state. A final report will be delivered.

AR 79 0635

Design and Development of a Curriculum in Energy Conservation to Train Secondary and Postsecondary Vocational Students (Continuation).
Project Director: Green, C. Paul
Organization: Navarro Coll., Corsicana, Tex.
Address: Corsicana, TX 75110
Descriptors: *Curriculum Design, Curriculum Development, *Energy Conservation, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Nov 78
Fiscal Year Funding: $35,099 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230063

To meet the special training needs brought about by the energy crisis, a curriculum in energy conservation will be developed for use in secondary and postsecondary vocational educational programs. To facilitate the development of the curriculum, a director, curriculum specialist, and full-time secretary will be employed. The director will be responsible for assembling a curriculum committee and consultants twice during the project to discuss objectives and formulate a procedure for developing a curriculum in energy conservation. At the final meeting of the committee, the curriculum design will be evaluated and additional recommendations made for implementing the design in a pilot or model application. A final report will describe the established objectives, the methods used to meet objectives, the specific results achieved, the curriculum itself, and the conclusions and implications derived from the results.

AR 79 0636

Development and Pilot Testing of a Model to Create an Awareness of Sex Bias and Sex Stereotyping in Vocational Education (Continuation).
Project Director: Griffin, Wilma
Organization: Texas Univ., Austin
Address: Austin, TX
Descriptors: Home Economics Teachers, *Homemaking Education, Instructional Aids, Material Development, Measurement Instruments, *Models, Program Effectiveness, *Role Perception, *Sex Discrimination, Sex Fairness, *Sex Stereotypes
Funding Period: Start Date 1 Jul 78; end Date 30 Sep 78
Fiscal Year Funding: $39,954 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230061

A model to create an awareness of sex bias and sex stereotyping in vocational education programs will be developed and pilot tested with homemaking teachers in the state. The model will consist of adapting existing materials and developing new materials which increase awareness of sex bias and sex stereotyping in the classroom and of developing assessment instruments and examples of teaching aids which are free of sex bias and sex stereotyping. Facilitators will be trained during the first year of the project; during the second year, they will conduct inservice meetings for all homemaking teachers in the state. Tentative plans include conducting follow-up studies during the third year. A comprehensive final report will be published and disseminated.

AR 79 0637

Development of a Competency-Based Curriculum of Related Instruction for Maintenance Apprentices in the Chemical Industry.
Project Director: Raley, William L.
Organization: College of the Mainland, Texas City, Tex.
Address: Texas City, TX
Descriptors: *Apprenticeships, Carpenters, *Chemical Industry, *Curriculum Development, *Curriculum Guides, Electricians, *Equipment Maintenance, Learning Modules, Machine Repairmen, Machinists, Painting, *Performance Based Education, Plumbing
Funding Period: Start Date 1 Mar 79; End Date 28 Feb 80
Fiscal Year Funding: $7,643
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230422

Project staff, working with other educators and representatives from the chemical industry, will translate previously developed job analyses into a competency-based curriculum for training personnel in nine maintenance occupations common to the chemical industry (boilmaker-rigger, carpentar, electrician, instrument repairer, insulator, machinist, painter, pipefitter, and pumper-gauger). The planned curriculum will consist of approximately sixty-nine course outlines and 727 distinct instructional modules. The complete curriculum and a comprehensive final report will be published and disseminated.

AR 79 0638

Development of Guidelines for Summer Vocational Agriculture Programs.
Project Director: Cepia, Marvin J.
Organization: Texas Tech Univ., Lubbock
Address: Lubbock, TX
Descriptors: *Administrator Attitudes, *Guidelines, *Program Development, *Summer Programs, Surveys, *Teacher Attitudes, *Vocational Agriculture Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $29,257
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230124

In order to establish guidelines for operation of summer programs of vocational agriculture, an advisory committee composed of teachers, teacher educators, and administrators will (1) identify, through a survey administered in district inservice meetings, basic components included in the summer programs for vocational agriculture teachers in Texas, (2) determine, through a mail survey, administrators', teacher educators', and staff members' perception of the relative importance of groups of activities included in the summer program, (3) determine the relationship between the perceived priorities of teachers and administrators, (4) determine state staff and teacher educators' opinions as to activities which should be included in an outstanding summer program, and (5) recommend guidelines for basic summer program operation for vocational agriculture teachers in Texas. A final report will be disseminated.

AR 79 0639

Development of Occupational Investigation Resource Materials.
Project Director: Hayes, John H.
Organization: East Texas State Univ., Commerce
Address: Commerce, TX
Descriptors: *Career Exploration, Curriculum Development, *Curriculum Guides, *Educational Resources, *Instructional Materials, *Occupational Clusters, *Teaching Guides
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $75,855 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230069

A curriculum specialist and selected guest writers will develop a teacher's handbook on occupational investigation and curriculum guides in the areas of self-awareness, economic and societal factors, fifteen occupational clusters, and educational planning. A field-review panel will be established to review instructional format and content prior to field testing.

AR 79 0640

Dissemination Conference on Occupational Research.
Project Director: Clark, Donald L.
Organization: Texas A&M Univ., College Station
Address: College Station, TX 77843
Descriptors: *Annotated Bibliographies, *Conference Reports, *Conferences, *Information Dissemination, Program Development, Program Evaluation, Program Planning, Research Utilization, State Programs, *Vocational Education Teachers
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $19,229
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230423

To disseminate information on vocational research, a conference involving approximately 250 vocational educators and other persons interested in vocational research will be planned, developed, organized, conducted, evaluated, and documented by the College of Education, Texas A&M University, in cooperation with the Texas Research Coordinating Unit. Abstracts of all vocational research projects in progress or completed in Texas during fiscal years 1978 and 1979 will be developed and published in booklet form for dissemination during and after the conference. This dissemination of information will contribute to an increased awareness of the role and function of research in vocational education and facilitate the use of research products in programs, services, and activities focused on the improvement of occupational education. A report of conference proceedings and a comprehensive final report will be disseminated.

AR 79 0641

Evaluation of Home Visitation as an Integral Part of Vocational Homemaking Education.
Project Director: Pope, Billy
Organization: Educational Personnel Development Consortium D, Richardson, Tex.
Address: Richardson, TX
Descriptors: Educational Alternatives, *Evaluation Criteria, Home Economics Teachers, *Homemaking Education, *Home Visits, *Program Evaluation, *Program Planning, Surveys
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $40,005
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230132

To aid Texas Education Agency staff members, school administrators, vocational directors, homemaking supervisors, home economics teacher educators, and vocational homemaking teachers in making decisions related to the home visitation program, and to identify needs for improving visitations in vocational homemaking programs, project staff will develop, pilot test, and revise a survey instrument which would address specific concerns related to the home visitation process; survey the total population of useful homemaking teachers in Texas to determine the current status of the home visitation process; and make recommendations based on survey results regarding needs, alternatives, and competences related to the home visitation process. A comprehensive final report will be disseminated.

AR 79 0642

Identification and Analysis of New Occupations in Distributive Occupations.
Project Director: Hogue, Ken
Organization: Texas A and M Univ., College Station
Address: College Station, TX
Descriptors: Curriculum Development, *Curriculum Evaluation, *Distributive Education, *Employment Opportunities, Instructional Materials, *Job Analysis, Job Skills, *Occupational Information, Performance Tests
Identifiers: *Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $62,661 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230070

Project staff will identify and document the training requirements for new and emerging distributive occupations, and for existing distributve occupations which have not received placement and training emphasis in the past; evaluate the existing curriculum for use in these areas; and demonstrate technique for collecting, analyzing, and applying occupational information in developing curriculum and job performance tests. A modified version of the DOT job analytic method will be used to analyze new and emerging occupations and relevant job information. A sample of incumbent workers and supervisors will be asked to identify critical work requirements for a selected distributive occupation. The requirements will be analyzed and the results translated into specific training manuals and support materials. A comprehensive final report describing the research and the results of the research will be published and disseminated.

AR 79 0643

Mainstreaming Handicapped Students in Vocational Education.
Project Director: Parrish, Linda
Organization: Texas A and M Univ., College Station
Address: College Station, TX

Descriptors: *Audiovisual Aids, Conferences, *Educational Programs, *Handicapped Students, *Inservice Teacher Education, *Mainstreaming, *Program Development
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $71,425 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230073

The primary objectives of this project are to research, develop, pilot test, and evaluate a training program for school personnel which will make it easier to involve handicapped students in vocational education programs. Specific content for instructional materials will be determined through research involving literature and research reviews and input group interviews with teachers, administrators, parents of handicapped youth, and other professionals in the field. A six-unit training program will be developed which will be suitable for both group and individual participation. Slides, cassette taped narratives, participant team activities, and a text will be developed. The program will be pilot tested, modified as needed, and evaluated. An information dissemination conference will be held where the program will be presented and procedures for its implementation will be provided. All school systems in Texas will be invited to send representatives.

AR 79 0644

Model Clinical Evaluation System for Respiratory Therapy Education.
Project Director: Lawler, Michael
Organization: Texas Univ., Dallas. Health Science Center
Address: Dallas, TX
Descriptors: *Health Occupations Education, *Inhalation Therapists, *Job Skills, Management Systems, Manuals, Measurement Techniques, Models, *Performance Based Education, Performance Tests, Program Development, Program Evaluation, *Student Evaluation, *Task Analysis
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $66,613
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230063

An advisory committee will review the curricula of a representative sample of respiratory therapy programs to identify the clinical procedures performed by entry-level practitioners, and an instructional analysis of these procedures will be conducted. Project activities will include determining the evaluation requirements for competency-based clinical training, developing the necessary methodology and instrumentation for evaluating clinical competence, developing, validating, field testing, and evaluating a model clinical management system, developing and publishing an implementation handbook for the system and disseminating the system to other respiratory therapy programs.

AR 79 0645

Pilot Program to Test the Effectiveness of a Career Education Delivery Sytem for Correctional Institutions (Continuation).
Project Director: Jackson, Curtis
Organization: Windham School District, Huntsville, Tex.
Address: Huntsville, TX
Descriptors: *Career Education, *Corrective Institutions, *Curriculum Evaluation, *Delivery Systems, Instructional Materials, Models, Pilot Projects, *Program Effectiveness, *Program Evaluation
Funding Period: Start Date 1 Jul 78; End Date 28 Feb 79
Fiscal Year Funding: $9,840 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230064

The effectiveness of a career education delivery system for correctional institutions will be tested by implementing a previously developed delivery system. This system will then be pilot tested and evaluated. Associated curriculum materials will likewise be evaluated, revised as needed, and prepared for publication. The results of this project, in the form of a field-tested model for a career education delivery system, will be made available to correctional institutions throughout the nation and will be expected to contribute to the improvement of vocational education for persons in such institutions.

AR 79 0646

Pilot Project in Vocational Gemology.
Project Director: Paddock, Orlando
Organization: Paris Junior Coll., Tex.
Address: Paris, TX
Descriptors: Curriculum Development, Educational Needs, Educational Programs, *Instructional Materials, *Job Training, *Pilot Projects, Program Evaluation, Skilled Occupations, *Technical Occupations
Identifiers: *Jewelry Making Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $62,401 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230062

A curriculum and training program in vocational gemology will be developed to prepare students for employment in the jewelry industry. Twenty students participating in the pilot project will be instructed six hours a day, five days a week, for approximately thirteen weeks. Experimental instructional materials will be used, evaluated, and revised to ensure that each student is adequately trained in the identification, grading, and appraisal of natural and synthetic gemstones. A fully developed and evaluated instructional program will be initiated for subsequent groups of students. The program developed will be made available to potential users throughout the state and nation. A comprehensive final report will be published and disseminated.

AR 79 0647

Secondary School Data Processing Program Research Project.
Project Director: Brown, Kenneth W.
Organization: Houston Univ., Tex.
Address: Houston, TX
Descriptors: *Curriculum Research, *Data Processing Occupations, *Educational Needs, *Employment Opportunities, *Feasibility Studies, *Job Skills, Program Development, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $33,879 (Charged to FY 1978)
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230071

In order to gather data on the feasibility of providing a secondary school data processing program, project staff will design a survey instrument to determine (1) the employment opportunities in data processing for high school graduates; (2) the competencies needed for employment in data processing occupations; (3) information about the potential for using mini-computers; (4) a proposed secondary school curriculum in data processing; and (5) the potential for using co-op programs to meet the needs of the business community. The instrument will be administered to 500 businesses of varying sizes and types in Texas, 200 graduates of funded data processing programs in Texas, and 52 community colleges in Texas.

AR 79 0648

Training of Child Care Providers to Use a Nonsexist Approach to Child Development.
Project Director: Culbertson, Elizabeth
Organization: San Antonio Coll., Tex.
Address: San Antonio, TX
Descriptors: *Child Care Workers, *Child Development, Curriculum Development, *Educational Resources, *Inservice Teacher Education, Material Development, Media Selection, *Models, Parent Participation, Postsecondary Education, *Sex Fairness
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $29,658
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230140

The objectives of the project include (1) providing training to use a nonsexist approach to child development for approximately 324 child care providers enrolled in the San Antonio College child development department during the 1978-79 academic year, (2) providing inservice training to use a nonsexist approach to child development for approximately eleven faculty and seven staff members of the San Antonio College child development department, (3) coordinating or presenting workshops for child care providers and parents in the community and for other community college personnel, and (4) providing a model of nonsexist curriculum development. To facilitate the project, appropriate instruments and curriculum activities and materials will be selected or developed, and the nonsexist activities and materials will be evaluated. Project staff will make available upon request packets of material including suggested resources and learning activities for developing programs for eliminating sexism. A comprehensive final report will be disseminated.

AR 79 0649

Utilization of the Model to Create Awareness of Sex Bias and Sex Stereotyping in Vocational Education.
Project Director: Griffin, Wilma
Organization: Texas Univ., Austin
Address: Austin, TX 78712
Descriptors: *Discriminatory Attitudes (Social), Formative Evaluation, *Inservice Programs, *Instructional Materials, *Material Development, Models, Nondiscriminatory Education, Program Development, *Program Effectiveness, *Sex Discrimination, *Sex Stereotypes, Social Attitudes
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79

Fiscal Year Funding: $33,715
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230209

The objective of this project is to use, further develop, and assess the materials developed in the research project, "The Development and Pilot Testing of a Model to Create an Awareness of Sex Bias and Sex Stereotyping in Vocational Education." Ten inservice training workshops, using the previously developed materials and assessment instruments, will be conducted during the 1978-79 school year to determine the effectiveness of the materials in creating an awareness of sex bias and sex stereotyping in vocational education. A comprehensive final report will be disseminated.

Exemplary and Innovative (Sec. 132)

AR 79 0650

Bilingual Education for Occupational Research and Evaluation.
Project Director: Powell, Bill
Organization: South Plains Coll., Levelland, Tex.
Address: Levelland, TX 79336
Descriptors: *Bilingual Education, Career Choice, *Educational Programs, English (Second Language), Individual Needs, *Job Training, Occupational Guidance, Paraprofessional Personnel, Pilot Projects, *Program Development, Skilled Workers, *Spanish Speaking, Vocational Counseling, *Vocational Retraining
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $53,422
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230150

Training or retraining in which instruction will be presented in both English and Spanish by bilingual instructional teams will be conducted as part of a program designed to prepare individuals of limited English-speaking ability for gainful employment as skilled workers, technicians, or paraprofessionals in recognized occupations or in new and emerging occupations. The total program will include career guidance and counseling and social and support services as well as innovative training for employment. A pilot group of fifteen students will be selected. The aid of governmental agencies will be solicited in identifying critical assistance areas and in implementing a program of maximum effectiveness. Individuals will then be channeled through an educational career track of their choice. The proposer institution anticipates that the results of this endeavor will increase the social stability of the trainees, increase their rate of financial compensation for their employment hours, and increase their opportunities for social assimilation while allowing participants to retain beneficial cultural distinctions.

AR 79 0651

Central Job Placement Services.
Project Director: McLendon, B. L.
Organization: Houston Independent School District, Tex.
Address: Houston, TX
Descriptors: Apprenticeships, Community Colleges, Data Collection, Followup Studies, *Information Centers, *Information Dissemination, *Interagency Cooperation, Interagency Coordination, *Job Placement, Military Service, *Occupational Information, Postsecondary Education, Secondary Education, *Student Placement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $43,167
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 999230138

The objectives of this project are to create a central job placement center and to house, within the area, representatives from the Houston Independent School District, the Houston Community College, and the Texas Employment Commission and a military service advisor. Through the efforts of this central office, job information will be secured from the Texas Employment Commission, the military apprenticeship programs, CETA, the Texas Rehabilitation Commission, the Texas Department of Mental Health and Mental Retardation and proprietary schools. The data will be released to all schools within the Houston SMSA area. This will unify the efforts of school placement personnel within the area and simplify the maintenance and redirection of training courses. The central job placement office will serve the Houston Independent School District, the Houston Community College, and the surrounding schools within the Houston SMSA. Data on the input, dissemination, and follow-up of the job information received will be distributed.

AR 79 0652

Exemplary Program and Training System for Linking Vocational Education with CETA Youth Programs in Texas (Continuation).
Project Director: Abernathy, Lewis M.
Organization: North Texas State Univ., Denton
Address: Denton, TX 76202
Descriptors: Comprehensive Programs, Curriculum Development, *Disadvantaged Youth, *Educational Programs, Information Dissemination, Manpower Development, Needs Assessment, *Program Coordination, Program Development, *Program Planning, Seminars, Youth Employment, *Youth Programs
Identifiers: *Comprehensive Employment and Training Act
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,700
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230140

The intent of this exemplary project is to design and deliver vocational education-linked CETA services for disadvantaged youth fourteen or twenty-one years of age. The project will be conducted in four phases. Phase I will involve a planning conference to conduct a needs assessment, identify resource persons (key vocational educators and CETA youth program operators in three urban and two balance-of-state manpower programs in Texas) and materials, and select areas for project participation. Phase II will consist of the development of training guides, process models, and curriculum materials to be used in Phase III which involves conducting five on-site training seminars in which local educators and manpower professionals will begin initial drafts of local implementation plans. During Phase IV, implementation plans for linking vocational education and CETA youth programs in the local areas will be refined, the project will be evaluated, and a final report will be produced. A training guide, process model, and implementation plan for each of the five participating areas will be included in the final report. The training guides, process models, and implementation plans will be adaptable and transferrable state-wide to other vocational education and CETA youth programs with similar geographic and demographic characteristics. Project experiences and results will be disseminated through the World of Work Economic Education Newsletter to 20,000 educators and manpower professionals across the nation.

AR 79 0653

Exemplary Program for Recruitment of Persons into Nontraditional Careers.
Project Director: Derryberry, Carla S.
Organization: Houston Community Coll. System, Tex.
Address: Houston, TX 77007
Descriptors: Community Colleges, *Educational Programs, *Employment Opportunities, *Enrollment, Equal Opportunities (Jobs), Information Dissemination, Job Training, *Nondiscriminatory Education, *Nontraditional Occupations, Pamphlets, Postsecondary Education, *Student Recruitment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $43,633
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230138

The objectives of this exemplary project are to (1) conduct a study in area schools and businesses to determine the barriers to hiring a person in an area which is non-traditional for the sex, (2) make recommendations to reduce the barriers and implement the recommendations in HCCS courses to encourage men and women to enter non-traditional career training programs, and (3) conduct recruitment efforts to increase the entrance of men and women into HCCS vocational and technical courses by ten percent. A pamphlet which presents the research and recommendations will be published and disseminated primarily through workshops but will also be available upon request.

AR 79 0654

Feasibility Study and Development of a Program to Train Visually Impaired Students in Computer Programming.
Project Director: Stehling, Al
Organization: San Antonio Coll., Tex.
Address: San Antonio, TX 78284
Descriptors: Data Analysis, Data Collection, *Employment Opportunities, *Employment Qualifications, *Feasibility Studies, Handicapped Students, Job Skills, Job Training, Needs Assessment, Postsecondary Education, Program Design, *Program Development, Programing, *Visually Handicapped
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $22,361
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230139

A feasibility study will be conducted to determine the employment opportunities in computer programming for visually impaired persons and the type of training these individuals would require. The results of this study will be used to develop a program to train visually impaired students in computer programming. The program will then be implemented, if feasible, at San Antonio College.

AR 79 0655

Health Career Recruitment and Retention of the Disadvantaged.
Project Director: Boaz, Ted
Organization: Del Mar Coll., Corpus Christi, Tex.
Address: Corpus Christi, TX 78404
Descriptors: *Disadvantaged Youth, *Dropout Prevention, Followup Studies, *Health Occupations Education, *Job Placement, Postsecondary Education, Program Development, Program Effectiveness, *Student Recruitment, *Success Factors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $33,323
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230136

The objectives of this project are to (1) develop and implement systems for recruiting sixty freshmen or sophomore students known to have academic deficiences who are seeking educational opportunities leading to employment in a health occupation; (2) identify, develop, and implement profile characteristics exhibited by applicants into strengths which will result in successful job placement in health occupations of no less than forty percent of those students selected; (3) develop specific procedures and methods requisite to the most effective use of enriching previously identified academic deficiences; (4) list and document specific health manpower recruitment and retention problems; and (5) recommend methods of resolution. Each candidate will be pre- and posttested to ascertain individual strengths and weaknesses in pursuing a health career. Students will be counseled and a plan of academic pursuit will be designed for each. Students will then be assisted in entering jobs or training programs for health career mobility. A follow-up will be conducted of all selected candidates and a program evaluation will be completed. Academic success will be determined by the following criteria: cummulative grade point average upon completion of high school or other postsecondary education, sequential grade point average in science course offerings at the end of each semester, grades in specific theory courses related to health careers, and scores on board or certifying examinations related to health professions. Clinical success will be determined by the following criteria: performance as noted by instructors for work performed in a health care setting, student's ratings of abilities and performance on the job, and employer or supervisor ratings of student performance on the job.

AR 79 0656

Health Occupations Survey Course.
Project Director: McVay, Gene
Organization: Elgin Independent School District, Tex.
Address: Elgin, TX 78621
Descriptors: *Career Education, Course Content, Curriculum Development, *Curriculum Guides, Employment Qualifications, *Health Occupations, *Instructional Materials, Nontraditional Occupations, *Occupational Information, Secondary Education, *Sex Stereotypes, Vocational Counseling
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,589
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230124

The objectives of the program are to (1) develop and present a year-long survey course of health care occupations to secondary students, (2) identify a group of twenty secondary students with an interest in entering health care, (3) increase the knowledge of project participants of educational requirements and job characteristics of various health care occupations, and (4) decrease the students' sex stereotyping of health care occupations. The course, taught by a registered nurse, will consist of lectures, field trips, demonstration by health care practitioners, and job counseling. Students will be tested at the beginning and end of the year of their knowledge of requirements and characteristics of various health care occupations. A curriculum guide and a notebook of descriptions of health care occupations will be produced and made available to nearby school districts without cost, to the Education Service Center, Region XIII, and to other educational agencies upon request for the cost of duplication.

AR 79 0657

Horticulture Exploration for Youth and Adults.
Project Director: Todd, Gayle
Organization: Bryan Independent School District, Tex.
Address: Bryan, TX 77801
Descriptors: *Adult Education, Audiovisual Aids, *Career Education, Field Trips, *Horticulture, Individual Activities, *Learning Activities, Nurseries (Horticulture), *Program Development, Program Evaluation, Secondary Education, *Short Courses, Student Projects
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,251
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230145

Young people and adults participating in this two-week career exploration program will be given an overview of the field of horticulture. Learning activities will involve techniques in planning, planting, propagating, maintaining, and displaying plants. Career exploration and individualization activities, such as field trips, individual projects, and slide presentations will be provided. The course will be offered four times during the summer, and will use greenhouse facilities, equipment, and personnel which are used during the school year in a horticulture VEH program (handicapped students only). A final report describing procedures used and an evaluation of the programs's potential for other applicants will be developed.

AR 79 0658

Houston Community College System Health Care Assistant, an Innovative Program.
Project Director: Derryberry, Carla
Organization: Houston Community Coll. System, Tex.
Address: Houston, TX 77007
Descriptors: Community Colleges, Educational Programs, *Health Occupations, Hygiene, *Job Training, *Medical Assistants, Medical Vocabulary, *Nonprofessional Personnel, Postsecondary Education, Program Development, *Short Courses
Identifiers: *Comprehensive Employment and Training Act
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $48,647
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230134

In order to provide personnel for vital but non-professional jobs in hospitals, this project will recruit CETA clients into an approximately sixteen-week program of daily training by registered nurses. Training will include the areas of patient mobility, laboratory dispensing, hospital medical vocabulary, personal grooming and motivation. Project goals are to (1) have sixty HCCS-trained health-care assistants employed in local hospitals by September 1979 and (2) make the Health Care Assistant program fully operational through regular funding sources by the project's end. A comprehensive final report describing the procedures used in implementing the program will be developed and disseminated.

AR 79 0659

Increasing Occupational Awareness in Middle School Students of Limited English Speaking Ability.
Project Director: Estes, Dwain M.
Organization: Education Service Center Region 20, San Antonio, Tex.
Address: San Antonio, TX 78209
Descriptors: *Career Awareness, *Counselors, Effective Teaching, Elementary Secondary Education, *Individualized Programs, *Inservice Teacher Education, *Learning Modules, Middle Schools, Preservice Education, Team Training, Technical Assistance
Identifiers: *Limited English Speaking
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $49,227
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230151

Project staff will conduct a survey of existing research and materials and then develop a Comprehensive Occupational Awareness Training Module to train three-member counselor and teacher teams in developing and implementing individualized occupational awareness program plans. Project staff will then train a minimum of fifteen teams to develop and implement individualized occupational awareness program plans and provide technical assistance to the teams in implementation.

AR 79 0660

Jobs = Education and Basic Skills (J=EBS).
Project Director: Horton, Jim
Organization: Dallas County Community Coll. District, Tex.
Address: Dallas, TX 75211
Descriptors: *Basic Skills, Clerical Occupations, Communication Skills, *Disadvantaged Youth, *Job Placement, *Job Skills, Mathematics, Nurses Aides, Off Campus Facilities, Postsecondary Education, Retailing, *Unemployed, *Unskilled Workers, Urban Areas, Vocational Counseling
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $48,526
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230058

This project will serve as a model to indicate how a postsecondary institution in a large urban area can provide high-quality vocational education programs off-campus to a high concentration of economically disadvantaged individuals, unskilled workers, and unemployed individuals. One hundred unemployed youths will be provided with (1) training in basic communication and math skills, (2) training in areas such as clerical, nurse's aide, and retail sales cashier, and (3) personal counseling on ways to increase employability. Job placement will then be provided for seventy-five percent of the participants. The course will be taught off-campus in the area of the West Dallas Housing Project.

AR 79 0661

Law Enforcement and Criminal Justice (Continuation).
Project Director: McLendon, B. L.
Organization: Houston Independent School District, Tex.
Address: Houston, TX 77027
Descriptors: *Criminal Law, *Instructional Materials, *Internship Programs, *Law Enforcement, *Public Service Occupations, Secondary Education, Skill Development, *Technical Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $50,222
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230127

To prepare young people in the Houston Independent School District for a career in law enforcement, project staff will assemble appropriate staff and develop instructional materials for (1) a course for tenth grade students which will provide the students an opportunity to explore and receive an overview and understanding of the Public Service Cluster of occupations with special emphasis on law enforcement and criminal justice procedures, (2) a course for eleventh grade students which will provide the students with technical knowledge and an opportunity to develop skills prior to serving an internship during their senior years.

AR 79 0662

Learning with Tools: An Occupational Orientation and Exploration Program for Handicapped in the Clusters of Construction Trades, Personal Services, and Transportation.
Project Director: Burbank, C. R.
Organization: Meridian Independent School District, Tex.
Address: Meridian, TX 76665
Descriptors: Ancillary Services, *Building Trades, Career Choice, *Career Education, Career Planning, Curriculum Development, Experiential Learning, *Handicapped Students, *Human Services, Job Skills, Occupational Information, Simulation, *Student Ability, *Transportation, Vocational Aptitude, Vocational Interests
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $48,921
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230129

The information developed during this project will assist the local admission, review, and dismissal committee in placing handicapped students in vocational programs for further education. The objectives of the project are to (1) develop a systematic approach for ascertaining the functional capacity of handicapped students that will help the student define a clear-cut vocational objective in one of the clusters for further investigation, (2) develop and field test a model curriculum that may be used for other occupational orientation and exploration programs for the handicapped, (3) develop a list of occupations in each cluster in which handicapped persons can succeed, and (4) provide an opportunity for students to investigate occupations in terms of occupational information and the employability skills required for that occupation. The vocational orientation and exploration program employed will be a comprehensive process that will systematically utilize real and simulated work stations as a focal point for assessing the vocational capabilities and interest of the handicapped students. The work situation will be complemented and supported by medical, psychological, social, educational, and other tests, and services deemed suitable for the benefit of students involved. These programs and services will be provided for students at the Meridan, Hamilton, and Goldthwaite Independent School Districts.

AR 79 0663

Metrication as Applied to Building Trades in a Rural Area (Continuation).
Project Director: McKinnerney, Beryl
Organization: Ranger Junior Coll., Tex.
Address: Ranger, TX 76470
Descriptors: *Building Trades, *Carpenters, Instructional Programs, Junior Colleges, *Masonry, *Metric System, Nondiscriminatory Education, Postsecondary Education, *Rural Schools, Sex Stereotypes, *Student Recruitment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $36,249
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230139

A building trades program with specific instruction in application of the metric system will be developed and established at Ranger Junior College to train workers in the building trades areas of carpentry and masonry. Project staff will also develop a recruitment system to attract students from rural and urban areas to a rural community college and remove sex stereotyping from the recruitment process. A final report describing procedures used and objectives achieved will be disseminated.

AR 79 0664

Mini-Courses to Explore Nontraditional Career Fields.
Project Director: Dobbs, Virginia
Organization: Dallas County Community Coll. District, Tex.
Address: Dallas, TX 75202
Descriptors: Adult Education, *Adults, Career Change, Career Development, Community Colleges, *Individual Development, *Nontraditional Occupations, Nontraditional Students, Personal Growth, Postsecondary Education, *Sex Discrimination, *Sex Stereotypes, *Short Courses
Funding Period: Start Date 1 Jul 78; End Date 31 Dec 78
Fiscal Year Funding: $14,223
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230059

To eliminate misconceptions and sex biases concerning certain vocations, encourage men and women to explore latent individual talents and interests, encourage low-income workers to go into higher paying career fields, and produce candidates for further study in related community college programs, Eastfield Community College will provide three nontraditional mini-courses of five weeks duration each for a maximum of forty students per course. Should the demand be evident, two mini-courses will be offered for men in secretarial careers and child development. Each mini-course will consist of one lecture hour and three lab hours per week. The lab exposure will allow students to become familiar with the equipment and working conditions associated with each career field. The courses will be provided at a time most convenient to the participants and child care will be provided for a maximum of 200 children. Participants will be solicited from Eastfield's existing Displaced Homemaker Counseling Service and through heavy advertisement and promotion conducted during July 1979. Individuals interested in pursuing further education will be referred to the appropriate program at one of the seven colleges in the Dallas County community college district. A follow-up of those students not pursuing additional education will be made to determine the impact of the mini-course on their prior misconceptions, their current area of employment, if any, and their interest in exploring other nontraditional courses. The results of the training will be provided to potential employers for their staffing consideration.

AR 79 0665

Model Program for Assessing and Training Rural Workers for Urban Employment.
Project Director: Green, C. Paul
Organization: Navarro Coll., Corsicana, Tex.
Address: Corsicana, Texas 75110
Descriptors: *Adjustment (to Environment), Adult Education, Coping, *Counseling, Diagnostic Teaching, Educational Diagnosis, Guidance, Individualized Programs, Job Placement, Job Skills, *Outreach Programs, *Rural to Urban Migration, *Unemployed
Identifiers: *Open Entry Open Exit
Funding Period: Start Date 1 Jul 78; End Date 31 Dec 78
Fiscal Year Funding: $39,467
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230138

The objective of this project is to develop a model program of training opportunities that will provide salable occupational skills for an identified job market to rural workers migrating to an urban area. The project will provide counseling and guidance to these individuals to aid them in making a successful transition from a rural environment to an urban climate. Navarro College will, through outreach counseling, identify sixty unemployed rural workers in its four-county service area. The unemployed rural workers will be assessed using recognized vocational diagnostic procedures to determine their present vocational skills and their comprehensive knowledge relative to these skills and to compare the skills possessed by the worker to the skills needed by a specific employer. An educational plan will be developed for each worker displaying individual strengths and identifying individual weaknesses. This educational plan will be used by the vocational instructors in an open-entry/open-exit educational program to train the individual. In addition, each unemployed person in the program will be taken through a guidance and counseling phase designed to aid the individual in making and coping with the transition from a rural environment to an urban climate. As each individual successfully completes the open-ended curriculum, that individual will be interviewed by a representative from the industry identified, placed in a job, and monitored for the ability to perform the tasks and cope with the urban setting.

AR 79 0666

Multi-Media Approach to Vocational Skills.
Project Director: Crossland, Jerry
Organization: Lewisville Independent School District, Tex.
Address: Lewisville, TX 75067
Descriptors: *Dropout Prevention, Educational Diagnosis, Elementary Secondary Education, Employment Opportunities, Experiential Learning, *Handicapped Students, Individualized Programs, *Job Skills, *Multimedia Instruction, Reading Difficulty, Reading Improvement, *Reading Skills,

•Remedial Reading Programs, Sex Fairness, Student Ability, Student Needs, Work Attitudes
Funding Period: Start Date 1 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $22,190
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230126

Approximately 100 handicapped students in grades 6-12 will be the target group for MINDS' work the first year. MINDS is the reading comprehension program taught through thirty-six job categories tied to the "Dictionary of Occupational Titles," and is part of HANDS and MINDS, a hands-on vocationally oriented reading and communication skills program based on the use of hand tools. Project activities will include (1) using a specialist to make an individual diagnosis of the student's reading difficulties and relate them to the student's need and achievement potential, (2) using input from the student and specialist to determine an individual assessment and training plan, (3) using the specialist to prescribe and schedule an individual reading program related to the student's vocational interests and needs, and (4) using the California Achievement Test and the project's criterion-referenced test to continuously evaluate individual progress toward competency goals. Students will be pre- and posttested to determine reading improvement. Employment possibilities of project participants will be enhanced since the program emphasis will be on preventing students from dropping out as a result of school frustration, increasing reading skills related to obtaining and keeping a job, motivating pupils to assume positive work habits and attitudes, and overcoming sex bias and sex role stereotyping.

AR 79 0667

Occupational Opportunity Enhancement Project for Special Populations.
Project Director: Carney, Thomas
Organization: Education Service Center Region 8, Mt. Pleasant, Tex.
Address: Mt. Pleasant, TX 75455
Descriptors: •Career Choice, Career Opportunities, •Delivery Systems, •Employment Qualifications, •Exceptional Persons, Handicapped Students, Information Dissemination, Job Analysis, Job Skills, Nondiscriminatory Education, •Occupational Aspiration, Occupational Choice, •Occupational Information, Sex Stereotypes, Student Needs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,678
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230128

The objectives of this project are to provide information to regular and special populations that will assist in making career and occupational choices, eliminate sex stereotyping of work roles where possible, and broaden occupational aspirations of special populations by using a part-time consultant to provide services to the student population in ten selected schools.

AR 79 0668

Pilot Program to Develop an Assessment Program for Students with Special Needs.
Project Director: Kennedy, Jerline
Organization: Dallas Independent School District, Tex.
Address: Dallas, TX 75204
Descriptors: •Handicapped Students, •Inservice Teacher Education, Parent Participation, Pilot Projects, Program Development, Special Education Teachers, •Student Ability, •Student Evaluation, Student Interests, •Vocational Adjustment, •Vocational Aptitude, Vocational Counseling, Vocational Education Teachers
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $35,275
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230246

A vocational assessment system for handicapped students will be established in this project. The system will include observation and evaluation in the areas of work evalulation, on-the-job tryouts, and clinical assessments. Inservice training will be provided for vocational teachers and other vocational personnel in programs for the handicapped, and a cooperative and coordinated working relationship between special education and vocational educaion personnel within the district will be developed. Students will be enrolled in a vocational program based on individual interest, aptitude, and ability to benefit from instruction. Vocational counseling services will be provided to both the students and their parents. A comprehensive final report describing procedures used and objectives achieved will be disseminated.

AR 79 0669

Pilot Project for Vocational Guidance to Rural Schools.
Project Director: Pliler, George
Organization: Education Service Center Region 15, San Angelo, Tex.
Address: San Angelo, TX 76902
Descriptors: Cooperative Planning, •Counselors, •Occupational Guidance, •Rural School Systems, Superintendents
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $47,460
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230130

Planning teams composed of administrators, teachers, community members, and cluster vocational counselors will develop a model and activities for implementing a vocational guidance progam in two rural counties. Following development of the model, a vocational counselor will implement the plans. Superintendents in each of the county clusters will manage and approve the model and timelines developed by the committees. A final report, describing procedures used and objectives obtained, will be disseminated.

AR 79 0670

Project to Improve Selection of Occupationally Competent Auto Mechanics and Building Trades Teachers (Continuation).
Project Director: Fisher, E. C.
Organization: Texas A and M Univ., College Station
Address: College Station, TX 77843
Descriptors: •Auto Mechanics (Occupation), •Building Trades, •Teacher Qualifications, Teacher Selection, Teaching Quality, Teaching Skills, •Test Construction, •Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,637
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230137

In order to improve the process of determining occupational competencies of prospective auto mechanics and building trades teachers in Texas, (1) outstanding auto mechanics and building trades teachers will be identified, selected, and employed as consultants to provide input and assistance in test development; (2) meetings will be conducted to obtain input and provide assistance in the development of test items; (3) tests will be validated with small groups of selected teachers who will be trained as test monitors; (4) tests will then be revised; and (5) adequately equipped shops will be selected at three locations and necessary arrangements made to use the facilities for testing. The costs of administering the tests on an individual basis will be determined. Individual reports on the competencies of persons as determined by the tests will be made available so that timely decisions can be made concerning their qualifications to teach auto mechanics or building trades courses. Copies of the tests and other results will be made available in report form.

AR 79 0671

Prototype Occupational Choice Model for Disadvantaged Youth in Rural Schools.
Project Director: Bonner, Harold S.
Organization: Prairie View A and M Univ., Tex.
Address: Prairie View, TX 77445
Descriptors: •Disadvantaged Youth, •Guidance Programs, Information Dissemination, •Information Systems, Inservice Programs, •Occupational Choice, Program Design, •Program Development, Program Evaluation, •Rural Schools
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,256
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230148

The objectives of this research project are to (1) develop effective model guidance programs that can be easily implemented by rural school districts, (2) train school and community personnel in the total guidance function through an inservice program, and (3) develop a model dissemination system which will be used to facilitate the replication of successful guidance models in other rural schools.

AR 79 0672

Special Occupational Skills Project for Power Equipment Training for the Handicapped.
Project Director: Loftin, Patrick
Organization: Austin State Hospital, Tex.
Address: Austin, TX
Descriptors: •Curriculum Guides, Educational Programs, •Field Experience Programs, •Handicapped Students, Industrial Education, Job Skills, •Mechanical Equipment, Task Analysis, •Trainable Mentally Handicapped, •Young Adults
Identifiers: Power Equipment
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $24,835
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230144

This project is designed to train eighteen- to twenty-one-year-old mentally retarded male and female clients to operate power equipment. Prospective trainees will be evaluated using the McCarron-Dial evaluation system prior to entering the project to ensure that they have the ability to perform the tasks required. Initial training will take place in a fully equipped shop area, where a one-to-four trainer-client ratio will be maintained. Each client will spend one hour per week at onsite locations to practice the skills learned. Task analyses will be developed for eleven types of power equipment, and a training guide entitled "Power Equipment Training Curricula Manual for the Handicapped" will be developed and disseminated.

AR 79 0673

System for the Sequential Vocational Training and Placement of Handicapped Students.
Project Director: Carney, Thomas
Organization: Education Service Center Region 8, Mt. Pleasant, Tex.
Address: Mt. Pleasant, TX 75455
Descriptors: *Career Education, *Computer Assisted Instruction, *Handicapped Students, *Instructional Programs, Program Development, Program Evaluation, *Program Guides, *Sequential Programs
Funding Period: Start Date 15 Aug 78; End Date 30 Jun 79
Fiscal Year Funding: $25,610
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230127

The process and product objectives of this project include the development of a CAI instructional program for occupational exploration, an appraisal system, and a guide for occupational exploration for handicapped students. The project will use a part-time consultant to provide information and materials to teachers in two districts to assist handicapped students in exploring tentative career areas.

AR 79 0674

Taylor Independent School District Guidance Information System.
Project Director: Wyche, Tommy
Organization: Taylor Independent School District, Tex.
Address: Taylor, TX 76574
Descriptors: *Career Education, *Career Exploration, Computer Assisted Instruction, Computers, *Data Bases, *Guidance Programs, *Information Systems, *Occupational Guidance, Program Effectiveness, Program Evaluation, Staff Orientation
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,536
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230147

The first year of a three-year funding for this guidance project will provide for (1) installation of computer terminals in two Taylor schools, (2) training of staff in use of the terminals, (3) integration of the Guidance Information System (GIS) into units of study and counseling activities, (4) evaluation of the project design, and (5) evaluation of the impact of GIS in improving and extending career education services to students and adults. Project staff will include a director, a vocational counselor, and a project aide. The project director will manage the project and carry out evaluation activities, work with freshmen teachers to identify objectives for career education units, and work with a citizens advisory committee to promote the project in the community. The counselor will demonstrate the GIS to area schools, work with them to make use of the results, use GIS systematically in existing counseling programs, and assist career education teachers in providing counseling for their students. The project aide will maintain records, schedule terminal use, and assist persons in using the terminal. The results of the project will be used to revise the project and to continue its operation into two more years of funded operation. In the fourth year, costs of the project will be assumed by the district and a study of long-range results will begin. Results will also be used to assist other school districts using GIS to improve their programs and to demonstrate the project to potential GIS users through on-site visits, a first year report, and a dissemination conference.

AR 79 0675

Technical and Occupational Articulation.
Project Director: Dobbs, Virginia
Organization: Dallas County Community Coll. District, Tex.
Address: Dallas, TX 75202
Descriptors: Area Vocational Schools, *Articulation (Program), *College High School Cooperation, Community Colleges, Curriculum Development, *Design, *Drafting, Individualized Instruction, Office Occupations Education, *Performance Based Education, Postsecondary Education, Secondary Education, *Secretaries
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $30,771
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230060

Articulation procedures developed in this project will be used in the two areas of secretarial careers and drafting and design technology by participating colleges and area high schools. A planning committee and selected instructors will (1) develop and implement competency-based or self-paced instruction in secretarial careers and drafting and design technology during the project period, (2) develop and implement articulation procedures for secretarial careers and drafting and design technology within a ten-month period, (3) develop communication links between DCCCD colleges and area high schools to promote articulation procedures in other technical and occupational programs, and (4) develop and disseminate the articulation documents and a comprehensive final report describing the procedures used in developing the documents.

AR 79 0676

Training in Vocational Assessment for the Handicapped.
Project Director: Fullerton, H. M.
Organization: Education Service Center Region 9, Wichita Falls, Tex.
Address: Wichita Falls, TX 76309
Descriptors: *Educational Resources, Evaluation Methods, *Handicapped Students, *Inservice Programs, *Student Evaluation, Teenagers, *Testing, *Vocational Aptitude
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $39,453
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230124

The objectives of this project are to (1) strengthen vocational assessment for handicapped teenagers throughout the state, (2) provide professionals (administrators, teachers, evaluators, counselors, and diagnosticians concerned with education of the handicapped), through a two-phase workshop, an opportunity to learn about and use a designated assessment battery and evaluation process, and (3) lay the philosophic and procedural groundwork, through the same two-phase workshop, for developing curricula in vocational-oriented academics. The two-phase workshop, offered by the Service Center, and made available through every ESC in the state, will provide training in vocational assessment. Phase I, "The Vocational Assessment Process," will focus on assessment philosophy, resources, evaluation instruments, equipment, and demonstrations; distribute and explain a vocational assessment package, and, as time permits, provide individual consultations with the workshop leader. Phase II, "Evaluation: Learning by Doing," will provide each participant the opportunity to work through the mechanics of a vocational evaluation with the supervision of and assistance from the workshop leader.

AR 79 0677

Vocational Program Development for Rural Settings: A Plan of Action.
Project Director: Hawes, Bob
Organization: Hamlin Independent School District, Tex.
Address: Hamlin, TX 79520
Descriptors: *Administrator Guides, *Audiovisual Aids, Delivery Systems, *Program Development, *Program Guides, *Program Planning, *Rural Schools, Secondary Education, Slides, Tape Recordings
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $9,647
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230125

The Texas Education Agency will be the recipient of 100 copies of a twenty to forty page book and ten copies of a twelve-to twenty-minute slide/tape presentation which it will then disseminate to provide small, rural school districts with a model for delivery of expanded vocational course offerings. This project will use contracted expertise to write the descriptive book and construct the illustrative slide/tape presentation. The book will be bound with a plastic spiral; the slides will be 35mm, and the audio portion will be transcribed on audio cassettes.

AR 79 0678

Vocational Student Appraisal Program for the Handicapped.
Project Director: Schulz, Jim
Organization: Edinburg Consolidated Independent School District, Texas
Address: Edinburg, TX 78539
Descriptors: Administrator Guides, Group Counseling, *Handicapped Students, Individual Counseling, *Occupational Guidance, Program Development, *Student Ability, *Student Evaluation, *Student Interests, *Vocational Aptitude
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $2,000
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230260

An adaptable, comprehensive appraisal program will be developed or adopted in this project to assist in identifying handicapped students who have appitude, interest, and motivation to succeed in VEH pre-employment vocational training at the new facility for vocational education for the handicapped in the Edinburg school district. Students selected will be provided with career guidance and individual or group counseling. An implementation handbook will be prepared to include samples of all instruments used, specific procedures used, a complete evaluation report, and a detailed cost analysis. The handbook will be printed and disseminated to user populations and to TEA. Other dissemination efforts will be conducted through the Vocational Directors Association of the Rio Grande Valley, the Vocational Counselors Association, and the Region I Education Service Center.

AR 79 0679

Vocational-Oriented Remedial Reading Program for Limited English-Speaking Students.
Project Director: Van Matre, Wesley, Jr.
Organization: Pharr-San Juan-Alamo Public Schools, Pharr, Tex.
Address: Pharr, TX
Descriptors: *Basic Skills, *Communication Skills, *English (Second Language), Junior High Schools, Publicize, *Remedial Reading Programs, Secondary Education, Student Evaluation, *Student Improvement
Identifiers: *Limited English Speaking
Funding Period: Start Date 15 Aug 78; End Date 08 Jun 79
Fiscal Year Funding: $29,484
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230146

In an effort to improve the reading and communicative skills of the limited English-speaking students enrolled in vocational programs and to improve the level of basic skill achievement of each student in the occupational area in which that student is studying, project participants will receive Hands and Minds communication skills improvement for one regular school instructional period each school day during the school year. The Hands and Minds activities will take place in an adequately equipped facility at Austin Junior High School. Students will be pre- and posttested, using Hands and Minds evaluation activities, to determine their improvement.

Curriculum Development (Sec. 133)

AR 79 0680

Curriculum Project for the Instructional Materials Center to Develop Distributive Education and Industrial Education Materials (Continuation).
Project Director: Luter, Robert R.
Organization: Univ. of Texas, Austin
Address: Austin, TX
Descriptors: Cooperative Programs, Curriculum Development, *Distributive Education, Educational Needs, Educational Research, Educational Resources, *Industrial Education, *Inservice Teacher Education, *Instructional Materials, *Instructional Materials Centers, Media Selection, Performance Based Education, Relevance (Education), Sex Fairness, Student Needs, *Youth Programs
Identifiers: Emerging Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $210,684
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230087

Continuation of this project will allow further initiation and development of instructional materials for distributive and industrial education cooperative training programs in Texas. Materials developed in the project are used by business, industry, and trade associations for inhouse training and by other states to meet their curriculum requirements. Research, field testing, and development will be conducted in the revision, updating, and production of new curriculum materials, both for generalized and specialized needs. These needs will be determined and priorities set by an advisory task force composed of teacher-coordinators, teacher educators, and state staff members selected by the Texas Education Agency. Current publications will be continuously updated and revised, and sex bias and sex-role stereotyping will be eliminated from all instructional materials. Research will be conducted in order to add more materials for new and emerging occupations. Assistance will be given to the Texas State Education Agency staff in conducting inservice training for teachers and competitive events for the state vocational youth organizations. Additional objectives will be to continue the search for better methods of research and validation, employ skills necessary to produce the appropriate reading level for learners, and maintain high standards of publishing and disseminating of instructional materials.

AR 79 0681

Health Occupations Instructional Materials (Continuation).
Project Director: Hayes, John B.
Organization: East Texas State Univ., Commerce
Address: Commerce, TX
Descriptors: Curriculum Development, *Evaluation Criteria, Health Occupations, *Health Occupations Education, *Instructional Materials, Job Skills, Job Training, Material Development, *Occupational Information, Performance Criteria, *Student Organizations, *Task Analysis
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $107,259
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230090

To ensure that the pre-employment health occupations education (HOE) classes in Texas are teaching content which is relevant to the occupation and to provide unbiased, quality instructional materials for HOE pre-employment training, staff of this continuation project will develop a comprehensive health occupations curricular package including job titles, job descriptions, task listings, instructional materials keyed to the task listings, and student progress charts; and assist in revising the criteria for judging state HOSA contests. The instructional materials will be developed from previously prepared curriculum, aligned with task listings for current job titles as found in the DOT, and subjected to preliminary field review.

AR 79 0682

Home Economics Instructional Materials for the Disadvantaged.
Project Director: Bell, Camille
Organization: Texas Tech Univ., Lubbock
Address: Lubbock, TX
Descriptors: *Bilingual Education, *Consumer Education, Curriculum Development, *Curriculum Guides, *Disadvantaged Youth, Economically Disadvantaged, Home Economics, Information Dissemination, Inservice Teacher Education, *Instructional Materials, Role Perception, *Sex Stereotypes, Spanish Speaking
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $74,417
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230194

The Home Economics Instructional Materials Center staff will develop materials to give greater consideration to social and cultural conditions, especially in economically depressed areas, using bilingual instruction; encourage participation of both males and females to prepare for combining the roles of homemakers and wage earners; and encourage elimination of sex stereotyping. The staff will revise "Consumer Education for Families with Limited Incomes," and develop a Spanish supplement for the guide; evaluate the readability of student references recommended in Coordinated Vocational Academic Education (CVAE) instructional materials; disseminate new and existing materials; expand dissemination through exhibits and distribution of brochures; collect materials to maintain a library; assist teachers in using materials through inservice meetings; continue using and training selected graduate research assistants to aid in the development and evaluation of the materials; use advisory committees and teachers to develop the materials; and evaluate instructional materials and references for sex bias and reading levels.

AR 79 0683

Home Economics Vocational Education for the Handicapped (HE-VEH) Instructional Materials.
Project Director: Bell, Camille
Organization: Texas Tech Univ., Lubbock
Address: Lubbock, TX
Descriptors: Adults, *Clothing, *Curriculum Guides, Educational Resources, *Food Service, *Handicapped Students, *Home Economics Education, Information Dissemination, Inservice Teacher Education, *Instructional Materials, Instructional Materials Centers, Readability
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $81,540
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230082

The Home Economics Instructional Materials Center will produce two guides for HE-VEH in the areas of food services and clothing services. The readability of student references recommended in HE-VEH instructional materials will be evaluated and new and existing materials will be disseminated. Providing inservice education to teachers will be an additional part of the project. Graduate research assistants will be trained to aid teacher-writers and advisory committee members in developing and evaluating the materials. Dissemination will be expanded through exhibits and distribution of brochures.

AR 79 0684

Operation of a Center for the Development of Home Economics Instructional Materials (Continuation).
Project Director: Bell, Camille
Organization: Texas Tech Univ., Lubbock. Coll. of Home Economics
Address: Lubbock, TX 79409
Descriptors: Adult Education, Consumer Education, Cooperative Education, Curriculum Evaluation, Curriculum Guides, Exhibits, Handicapped, *Home Economics Education, Information Dissemination, Inservice Teacher Education, *Instructional Materials, *Instructional Materials Centers, *Material Development, Outreach Programs, Pamphlets, Role Perception, *Sex Discrimination, Sex Fairness
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $57,441
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230091

The Home Economics Instructional Materials Center staff will develop materials to encourage participation of both males and females to prepare for combining the roles of homemakers and wage earners, encourage elimination of sex stereotyping, encourage outreach programs for youth and adults with consideration being given to the handicapped, and emphasize consumer education. The staff will (1) revise the "Handbook for Home Economics Cooperative Education", (2) evaluate six home economics cooperative education (HECE) student guides for evidence of sex bias, (3) disseminate new and existing materials, (4) expand dissemination through exhibits and distribution of brochures, (5) collect materials to maintain a library, (6) assist teachers in using materials through inservice meetings, and (7) evaluate reference and instructional materials for sex bias and reading levels. During a five-year period, the revised handbook will be used to update and improve approximately 2,696 programs, the elimination of sex bias in six HECE student guides will also impact on 2,696 programs, and inservice education of teachers should involve approximately 3,000 teachers. Dissemination of all materials is projected at 40,000 volumes in Texas.

AR 79 0685

Program to Develop and Improve Curriculum and Instructional Materials for Adult Municipal and Industrial Extension Training.
Project Director: Fisher, E. C.
Organization: Texas A and M Univ., College Station, Engineering Extension Service
Address: College Station, TX
Descriptors: *Adult Education, Curriculum Development, Educational Programs, *Extension Education, Formative Evaluation, Industrial Education, *Industrial Personnel, *Instructional Materials, *Material Development, Media Selection, Program Effectiveness
Identifiers: *Municipal Personnel
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $23,009
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230088

Objectives of this project are to improve the quality of instructional materials used in municipal and industrial extension programs by revising and updating existing instructional materials and developing new instructional materials; develop curriculum and instructional materials for new and emerging programs needed for training municipal and industrial adult personnel; and ensure uniformity of instruction delivered in the field to trainees. Two half-time instructional materials specialists will be employed to work with the Texas Engineering Extension Service on the development of curriculum and instructional materials. As courses and instructional materials are developed or revised, they will be used in the field and their effectiveness in the instructional situation will be reviewed and evaluated.

AR 79 0686

Vocational Instructional Services for the Disadvantaged in Agricultural Education.
Project Director: Page, Foy
Organization: Texas A and M Univ., College Station
Address: College Station, TX 77843
Descriptors: Curriculum Development, Curriculum Evaluation, *Disadvantaged Youth, Effective Teaching, Inservice Teacher Education, *Instructional Materials, Material Development, *Needs Assessment, Occupational Information, Program Coordination, Sex Discrimination, *Sex Fairness, *Visual Aids, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $36,872
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230195

After determinig the specific curriculum material needs of vocational agricultural education programs in Texas, project staff, in conference with Texas Education Agency (TEA) staff, will determine the material development priorities and use state advisory committees to determine the skill and information content of the materials. Project staff will develop, produce, and disseminate two new publications of instructional materials for disadvantaged students in a format easily used by teachers and students, and will support the technical information by developing two sets of colored transparencies and accompanying manuscripts. High priority will be given to eliminating sex bias and designing the materials for an appropriate reading level. Revision of the materials will be accomplished within three years of the initial printing. Project staff will assist TEA staff in providing teacher inservice training in the proper use of the materials produced. The occupational technical information and supporting visuals will be available to the sixty-nine teachers and 1,795 disadvantaged students enrolled in CVAE progras in agricultural education. Monthly progress reports and evaluations of instructional materials will be submitted to TEA and Texas A&M University officials.

AR 79 0687

Vocational Instructional Services for the Handicapped in Agricultural Education.
Project Director: Page, Foy
Organization: Texas A and M Univ., College Station
Address: College Station, TX 77843
Descriptors: Curriculum Development, Curriculum Evaluation, Effective Teaching, *Handicapped Students, Inservice Teacher Education, *Instructional Materials, Material Development, *Needs Assessment, Occupational Information, Program Coordination, Sex Discrimination, *Sex Fairness, *Visual Aids, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $34,694
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 89230196

After determining the specific curriculum materials needed in the vocational agricultural education programs in Texas, project staff, in conference with the Texas Education Agency (TEA) staff, will establish the materials development priorities and use state advisory committees to determine the general content of materials. Project staff will then develop, produce, and disseminate two new publications of instructional materials for handicapped students in a format easily used by teachers and students, and will support the technical information by developing two sets of colored transparencies and accompanying manuscripts. High priority will be given to eliminating sex bias and designing the materials for an appropriate reading level. Revision of the materials will be accomplished within three years of the initial printing. Project staff will assist TEA staff in providing teacher inservice training in the proper use of the materials produced. The occupational technical information materials and supporting visuals will be available to the twenty-two teachers and 373 students enrolled in the handicapped (VEH) programs in agricultural education. Monthly progress reports and evaluations of instructional materials will be submitted to TEA and Texas A&M University officials.

AR 79 0688

Vocational Instructional Services in Agricultural Education.
Project Director: Page, Foy
Organization: Texas A and M Univ., College Station
Address: College Station, TX 77843
Descriptors: *Agricultural Education, Cooperative Education, Curriculum Development, Curriculum Evaluation, Field Experience Programs, *Inservice Teacher Education, *Instructional Materials, *Nontraditional Occupations, Sex Discrimination, Sex Fairness, *Visual Aids, *Vocational Agriculture
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $254,779
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230086

After determining the specific curriculum materials needed in the vocational agricultural education program in Texas, project staff will develop, produce, and disseminate sixty-four new publications, transparencies, and slide sets to overcome sex bias in vocational education, provide curriculum materials for students enrolled in programs traditionally limited to one sex, and improve the vocational agriculture programs in the state. In addition to the new publications, 121 previously developed curriculum materials will be evaluated, modified, and revised. Curriculum development priorities will be established in conference with Texas Education Agency (TEA) staff members, and state advisory committees will be used to determine the general content of the materials. Project staff will assist TEA in providing inservice training in the use of the curriculum materials produced.

AR 79 0689

Vocational Instructional Services Materials Development for Industrial Education (Continuation).

Project Director: Page, Foy
Organization: Texas A and M Univ., College Station
Address: College Station, TX 77843
Descriptors: Curriculum Development, Curriculum Evaluation, *Industrial Education, Inservice Teacher Education, *Instructional Materials, *Material Development, *Needs Assessment, Nondiscriminatory Education, Nontraditional Occupations, Sex Discrimination, *Sex Fairness, *Visual Aids
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $250,917
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230089

After determining the specific curriculum material needs of the various programs of vocational industrial education in the public schools of Texas, project staff, in conference with the Texas Education Agency (TEA) staff, will determine the material development priorities and use state advisory committees to determine the skill and information content for each trade course of study. Project staff will develop curriculum materials which will aid in overcoming sex bias in vocational industrial education and assist students enrolled in programs traditionally limited to the opposite sex, and make these materials available to the public schools in Texas. Center staff and consultant writers will develop the materials in the established format for vocational industrial education teachers and students. Skill lessons will be accompanied by job and task sheets and information lessons will be accompanied by information sheets, assignment sheets, and visual aids. Revision of materials will be performed as trades advance and change. Project staff will assist TEA staff in providing teacher inservice training in the proper use of center-provided materials. The project will result in the development or revision and dissemination of eight new publications and the revision of two publications, two sets of transparencies, and one slide set of scripts.

AR 79 0690

Vocational Office Education Instructional Materials (Continuation).
Project Director: Hayes, John H.
Organization: East Texas State Univ., Commerce
Address: Commerce, TX
Descriptors: Curriculum Development, *Instructional Materials, Job Skills, *Material Development, *Occupational Information, Office Occupations, *Office Occupations Education, *Relevance (Education), *Task Analysis
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $99,445
Sponsoring Agency: Texas Education Agency, Austin
Contract and/or Control No.: 99230085

Instructional materials in Vocational Office Education (VOE) for contact-hour Levels I and II will be developed using current occupational data and previously prepared curriculum. The materials will be aligned with task listings and job descriptions in the current "Dictionary of Occupational Titles." Existing VOE curriculum materials will be keyed to specific job areas and additional instructional activities will be added to contribute to meeting the demand for competent office workers.

UTAH

Research (Sec. 131)

AR 79 0691

Industrial Arts Career Education: A Project Evaluation.
Project Director: Long, Gilbert A.
Organization: Utah State Univ., Logan
Address: Logan, UT 84322
Descriptors: *Career Education, *Industrial Arts, *Instructional Materials, *Needs Assessment, Parent Attitudes, *Program Effectiveness, *Program Evaluation, Student Opinion, Teacher Attitudes
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $17,000
Sponsoring Agency: Utah State Board for Vocational Education, Salt Lake City
Contract and/or Control No.: 790142

To determine if instructional materials meet the needs of students, teachers, parents, and other concerned persons, an evaluation will be conducted in three phases. The first will be a descriptive documentation of the design, development, and implementation of the materials. A comparison of the Industrial Arts Career Education program with conventional industrial programs will follow, focusing on traditional tools, materials, and processes. Finally, opinions will be gathered from students, parents, teachers, and business and industrial personnel. These measures will be taken to determine to what extent the stated objectives of instruction have been met and how the program is better than the one it will supplant.

AR 79 0692

Study of Vocational Program Success in Utah.
Project Director: Long, Gilbert A.
Organization: Utah State Univ., Logan
Address: Logan, UT 84322
Descriptors: Agricultural Education, Business Education, Distributive Education, Health Occupations Education, Home Economics Education, Office Occupations Education, *Program Effectiveness, *Program Evaluation, *Success Factors, Trade and Industrial Education
Funding Period: Start Date 15 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $17,000
Sponsoring Agency: Utah State Board for Vocational Education, Salt Lake City
Contract and/or Control No.: 790142

Program evaluation will be conducted in agriculture, business and office education, distributive education, home economics, health, and trades and industry to identify factors that contribute to vocational education program success. Two successful vocational programs in each of the six disciplines will be identified and criteria used for program selection will be listed. Success factors will then be compared and ranked in priority order. A survey instrument will be developed and an onsite survey conducted. Finally, common and special factors will be identified and an evaluation instrument developed for use by the state education agency and local education agencies.

Exemplary and Innovative (Sec. 132)

AR 79 0693

Career Development in Business and Office Education for Junior High Schools.
Project Director: Stoker, Robert
Organization: Utah State Univ., Logan
Address: Logan, UT 84322
Descriptors: Accounting, Banking, *Business Education, *Career Education, *Career Exploration, Clerical Occupations, Communications, Curriculum Development, Data Processing Occupations, Junior High Schools, *Learning Modules, Managerial Occupations, *Office Occupations Education, Personnel, Secretaries
Funding Period: Start Date 1 Dec 78; End Date 30 Jun 79
Fiscal Year Funding: $18,181
Sponsoring Agency: Utah State Board for Vocational Education, Salt Lake City
Contract and/or Control No.: 790243

A series of eight career education learning modules will be developed in the following kinds of occupations and occupations related to each: accounting, business and data processing, general office and clerical, information and communication, banking, personnel and training, secretarial, and supervisory and management. Thirty-seven career exploration units in business and office education, each with written and accompanying materials and equipment, will be developed and field tested for use at the junior high school and middle school level.

AR 79 0694

Distributive Education Career Exploration Curriculum Development.
Project Director: Litchford, C. Daniel
Organization: Weber State Coll., Ogden, Utah
Address: Ogden, UT
Descriptors: Activity Units, *Career Exploration, Curriculum Development, *Distributive Education, *Experiential Learning, Junior High Schools, *Marketing, Secondary Education, Senior High Schools
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,715
Sponsoring Agency: Utah State Board for Vocational Education, Salt Lake City

Junior and senior high school students will explore marketing and distributive education through the development of thirty career exploration units. The Occupational Outlook Handbook and the Dictionary of Occupational Titles will be used to identify sub-career categories. Related hands-on exploration experiences will then be developed and field tested in Utah junior and senior high schools.

VERMONT

Research (Sec. 131)

AR 79 0695

Analysis of the Need for Licensed Practical Nurses in Vermont.
Project Director: Sullivan, Daniel J.
Address: 23 Ledgemere Street, Burlington, VT 05401
Descriptors: Employment Opportunities, *Employment Patterns, *Occupational Surveys, *Practical Nurses
Funding Period: Start Date 1 Nov 78; End Date 15 May 79
Fiscal Year Funding: $4,600
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: LPN-79

A 1974 study of the need for and needs of licensed practical nurses (LPNs) in Vermont will be updated to address the potential shortage of LPNs in a number of geographic areas in the state. A final report and a survey instrument used to collect data from employers of LPNs will be produced.

AR 79 0696

Equalizing Access to Vocational Centers.
Project Director: Jacobs, Dan K.
Organization: Associated Educational Consultants, Inc., Pittsburgh, Pa.
Address: McKnight and Pine Creeks Roads, Pittsburgh, PA 15237
Descriptors: *Access to Education, *Area Vocational Schools, *Enrollment Influences, *Student Placement, *Student Recruitment
Funding Period: Start Date 9 Oct 78; End Date 30 Apr 79
Fiscal Year Funding: $22,455
Sponsoring Agency: Pennsylvania State Dept. of Education, Harrisburg
Contract and/or Control No.: C-79-2

Student participation in area vocational centers will be increased by researching factors and practices which encourage or inhibit participation including identification, counseling, recruitment, selection, and program placement. Teachers, counselors, and local vocational directors will be interviewed; vocational and nonvocational students and their parent's will complete self-administered questionnaires. A final report including recommendations will be delivered.

AR 79 0697

Postsecondary Education.
Project Director: Sullivan, Daniel
Address: 23 Ledgemere Street, Burlington, VT 05401
Descriptors: *Educational Finance, *Federal Aid, *Financial Support, *Postsecondary Education, *School Funds
Funding Period: Start Date 1 Nov 78; End Date 31 Jan 79
Fiscal Year Funding: $2,900
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: PS-79

A minimum of three alternative methods of funding postsecondary vocational education, including at least two funding formulas to allocate federal monies, will be developed. Information on federal laws and formulas used by states having a population similar to Vermont's will be gathered and analyzed. The funding alternatives will be tested and evaluated by computer simulation, if possible. A final report will be produced.

AR 79 0698

Study of Adult Vocational Education.
Project Director: Ducolon, A. Elizabeth
Descriptors: *Adult Education, *Adult Educators, *Educational Assessment, Educational Objectives, Historical Reviews, Literature Reviews, *Program Evaluation, Surveys, *Teacher Certification, *Teacher Qualifications
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $9,950
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: AE-79

To determine if changes need to be made in certifying teachers of adults, a literature review will be conducted to develop an historical analysis and a current description of adult vocational education in Vermont; a projected description of adult vocational education in Vermont in 1985 will also be developed. Questionnaires will be used to survey relevant populations regarding the objectives of vocational education programs and adult vocational education teacher qualifications, hiring policies, and practices. A comprehensive report, evaluation report, and a brief summary report will be produced.

AR 79 0699

Study to Determine the Feasibility of Establishing an Automated Management Information System for Vocational Education in the State of Vermont.
Project Director: Koble, Daniel
Organization: National Center for Research in Vocational Education, Columbus, Ohio
Address: The Ohio State University, Columbus, OH 43210
Descriptors: Computers, Data Bases, *Feasibility Studies, *Management Information Systems, Program Planning, Systems Analysis, *Systems Development
Funding Period: Start Date 15 Sep 78; End Date 1 Mar 79
Fiscal Year Funding: $22,280
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: C-79-1

More usable data for planning and decision making in the form of a progress report and a three-volume final report will be made available to the state department of education and to local education agencies. Each system reported will be explained in terms of its components, personnel requirements, equipment requirements, financial requirements, and suggested implementation plan. Research to determine the feasibility of establishing an automated management information system for vocational education in Vermont will also be used to determine the needs of the system at the federal, state, and local educational agency levels. Several alternative sub-systems for the collection and processing of management data will be proposed. Project staff will inventory current and projected federal and state information requirements, review current systems, and inventory resources. Existing management information systems in states with characteristics similar to Vermont will be reviewed for applicability and practicality, after which three alternative sub-systems will be designed for collecting and processing data. To conclude the project, a workshop will be conducted for all personnel in the vocational-technical division of the state department of education.

Exemplary and Innovative (Sec. 132)

AR 79 0700

Farm Instructor Program.
Project Director: Adams, John
Organization: Addison County Area Vocational Center, Middlebury, Vt.
Address: Middlebury, VT 05753
Descriptors: *Delivery Systems, *Enrollment, *Field Experience Programs, Off Campus Facilities, *Vocational Agriculture, Vocational Agriculture Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,359
Sponsoring Agency: Vermont State Dept. of Education, Montpelier

Students will be provided a model program of off-campus learning experiences with onsite supervision under this project. Specific project objectives are to increase vocational agriculture enrollments, provide realistic experiences on a working farm, and provide an alternative delivery system for vocational education.

AR 79 0701

Multi-Occupations Lab.
Project Director: Salebra, Louis
Organization: Rutland Vocational Center, Vt.
Address: Rutland, VT 05701
Descriptors: *Disadvantaged Youth, *Educationally Disadvantaged, Job Skills, Job Training, Occupational Choice, Self Evaluation, *Skill Development, Work Experience Programs
Identifiers: *Comprehensive Employment and Training Act
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,107

Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: D-79-1

Twenty youths who are not qualified for special education but who are unsuccessful in regular vocational programs will be served by this project. Specific objectives are to have each student (1) identify an occupation goal; (2) participate in a skill, knowledge, and attitude assessment using standardized and teacher-prepared tests as well as vocational laboratories; (3) develop, with the aid of vocational instructors, business and industry personnel, the vocational director, and cooperative teachers, a training plan to achieve the recommended vocational skills; and (4) achieve the skills identified in the training plan. Field trips, hands-on activities, and CETA work-experience placements will be used. Teachers will be responsible for preparing lesson plans and work stations, acquiring supplies, and helping students learn.

AR 79 0702

Summer Vocational Exploratory Program.
Project Director: Murphy, William C.
Organization: Addison County Vocational Center, Middlebury, Vt.
Address: Middlebury, VT 05753
Descriptors: *Career Education, Secondary Education, *Summer Programs, *Vocational Training Centers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,116 (Charged to FY 1978)
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: D-78-5

To assist each student in grades seven through ten in deciding on vocations and vocational programs, each student will spend three weeks during the summer exploring three out of six vocational areas. Pre- and post tests will be used. The program will serve as a model for summer utilization of vocational centers.

AR 79 0703

Vocational Exploration and Career Development for the Gifted and Talented in Vermont.
Project Director: Weiss, Alan H.
Address: RD 2, Northfield, VT 05663
Descriptors: *Academically Gifted, *Career Exploration, *Grade 8, *Summer Programs
Funding Period: Start Date 2 Apr 79; End Date 30 Sep 79
Fiscal Year Funding: $18,137
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: 0857730

Seventy-five gifted and talented eighth grade students from throughout the state will attend a one-week summer camp where each student will explore one of six vocational areas. The students, whose selection will be based on career interests and geographical location, will be pre- and posttested. Five hundred copies of a descriptive booklet of this model program will be published.

Curriculum Development (Sec. 133)

AR 79 0704

Artistic Related Trades.
Project Director: Tabor, Luther
Organization: Burlington Area Vocational Center, Vt.
Address: Burlington, VT
Descriptors: Area Vocational Schools, *Commercial Art, Curriculum Development, *Curriculum Guides, Demonstration Programs, *Instructional Materials, Material Development, Models, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $3,800
Sponsoring Agency: Vermont State Dept. of Education, Montpelier
Contract and/or Control No.: D-78-4

In order to complete fifty commercial art curriculum guides, a job analysis will be conducted, materials researched, instructional units developed, and curriculum development completed. An advisory committee of commercial artists will review the curriculum; and three presentations will be made on the curriculum and its development. The project will serve as a model program and provide curriculum guides for other centers throughout Vermont and the nation.

VIRGINIA

Research (Sec. 131)

AR 79 0705

Articulation of Secondary and Postsecondary Vocational Education Programs.

Organization: Buchanan, Dickenson, Russel, Tazewell Counties School Divisions; Southwest Virginia Community College, Richlands
Address: Richlands, VA 24641
Descriptors: *Articulation (Program), Clerical Occupations, College Credits, *College High School Cooperation, Community Colleges, Curriculum Development, Drafting, *Educational Programs, Electronics, *Performance Based Education, Postsecondary Education, Program Coordination, Program Development, School Shops, Secondary Education, Skill Development, Student Mobility, *Transfer Policy, Transfer Students, Welding
Funding Period: Start Date 1 Mar 79; End Date 30 Mar 82
Fiscal Year Funding: $3,400
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-79-4

An effectively coordinated and articulated vocational education program at the secondary and community college level will minimize the time necessary for program completion, allow students to move from one training institution to another without loss of credit, eliminate unnecessary duplication of instruction, and reduce the taxpayers' burden through more effective use of public funds. The project will develop and implement an articulation model for vocational education among the high schools and vocational schools in the area with the community college; the model will emphasize curriculum articulation. Teachers will develop competencies for horizontal and vertical placement in electronics, welding, machine shop, drafting, and secretarial and clerical programs. Consultants and a course in competency-based education will be provided to assist teachers in developing the competencies.

AR 79 0706

Articulation of Secondary and Postsecondary Vocational Education Programs.

Project Director: Phillips, Cecil G., Jr.
Organization: Thomas Nelson Community Coll., Hampton, Va.
Address: P.O. Box 9407, Hampton, VA 23670
Descriptors: *Articulation (Program), *Audiovisual Aids, Criterion Referenced Tests, Curriculum Guides, Development, Drafting, Engineering Drawing, *Followup Studies, Interinstitutional Cooperation, *Learning Activities, *Performance Based Education, Performance Criteria, Postsecondary Education, Program Development, Program Effectiveness, Secondary Education, Secretaries, Student Mobility, Typists
Funding Period: Start Date 15 Mar 79; End Date 14 Mar 82
Fiscal Year Funding: $8,560
Sponsoring Agency: Virginia State Dept. of Education, Richmond

Annually, approximately 4,100 students from the semi-rural, suburban, and urban communities in the Virginia Peninsula will benefit from this endeavor to develop and implement an articulation model for five school divisions, two vocational-technical center campuses, and one community college. Derived from an identified common core of competencies, coordinated, competency-based curriculum will be developed which includes a set of tasks and performance objectives, a set of objective-referenced tests, and a set of curriculum guides in secretarial and related occupations and in mechanical drawing, drafting, and design. An audiovisual presentation depicting the articulation model will be developed for dissemination. Follow-up surveys of matriculating students and surveys of participating faculty, guidance counselors, employers, and administrators will be used to evaluate the effectiveness of the articulation model.

AR 79 0707

Articulation Workshop for Key Secondary and Community College Vocational Education Personnel.

Project Director: Hoerner, James L.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: P.O. Box 6Q, Richmond, VA 23216
Descriptors: *Articulation (Program), *College High School Cooperation, Community Colleges, Interschool Communication, Models, Postsecondary Education, Program Coordination, Program Development, Secondary Education, *Student Needs, *Student Placement, *Student Problems, *Teacher Workshops
Funding Period: Start Date 1 Sep 78; End Date 30 Nov 78
Fiscal Year Funding: $14,998
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-78-3

A two-day expert- and practioner-oriented workshop will be used as the principal project vehicle in creating a broad-based awareness (introduction and motivation) about articulation. Specific objectives for the workshop are to (1) identify the problems and concerns that currently exist when students try to move from the secondary level of education to the community college, (2) demonstrate the advantages and benefits to be gained by both students and institutions in working collaboratively and developing well-articulated programs, (3) analyze a minimum of three out-of-state working models identified by the AACJC/AVA joint study as successful articulation programs for appropriate applications in Virginia, and (4) identify and develop specific practices and procedures for implementing sound articulation programs in Virginia. Information gained from the workshop will serve as the basis for (1) developing a suggested RFP for the Virginia Department of Education, Division of Vocational Education, RCU, no later than fifteen days following the workshop and (2) proposing a network for implementing and maintaining dialogue between secondary and community college vocational personnel.

AR 79 0708

Development of a Model for Articulation of Secondary and Postsecondary Vocational Education Programs.

Project Director: Merchant, R. P.
Organization: Central Virginia Community Coll., Lynchburg
Address: Lynchburg, VA 24502
Descriptors: Advanced Placement Programs, *Articulation (Program), College High School Cooperation, Curriculum Development, Curriculum Guides, *Delivery Systems, Information Dissemination, *Interagency Coordination, *Management Information Systems, *Material Development, Performance Criteria, Postsecondary Education, Secondary Education, Student Placement
Funding Period: Start Date 15 Mar 79; End Date 14 Mar 82
Fiscal Year Funding: $2,245
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-79-1

Articulation between secondary and community college vocational programs will provide for more effective transition and more realistic placement in the community college vocational programs. A procedure for developing products needed for articulation will be validated. Policies and procedures will be implemented for student transfer from high school to community college or other vocational programs, including recognition of the student's vocational education accomplishments at the secondary schools and provision for advanced placement. A plan to share staff and facilities where appropriate will be developed; solutions to other articulation procedures which may arise out of the development, implementation, and evaluation of the project will be identified and presented. A slide and tape presentation will be prepared and materials disseminated.

AR 79 0709

Identification of the Full Costs of Vocational Education in Five Selected Virginia School Divisions for the School Year 1977-78.

Project Director: Asche, F. Marion
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Div. of Vocational-Technical Education
Address: 108 Lane Hall, Blacksburg, VA 24061
Descriptors: *Cost Effectiveness, Data Analysis, Data Collection, *Educational Economics, *Educational Programs, Evaluation Methods, *Program Costs, Program Evaluation
Funding Period: Start Date 15 Oct 78; End Date 15 May 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-78-4

Total costs of several vocational education programs for five selected Virginia school divisions will be determined, and a possible system to periodically identify such costs will be developed in this project. Data collection instruments, suitable for use in a broader study at a later date, will be developed through a pilot test in one school division and implementation in the other four divisions. A brief overview of the literature will be developed relevant to current procedures used to determine full vocational education program costs. An oral and written final report will be submitted to the project advisory

committee and the state department of education.

AR 79 0710

Program Articulation in Vocational Education (PAVE).
Project Director: Bolt, Les
Organization: James Madison Univ., Harrisonburg, Va.
Address: Harrisonburg, VA 22807
Descriptors: Academic Achievement, Advisory Committees, *Articulation (Program), College Credits, Curriculum Development, *Curriculum Guides, Documentation, Educational Objectives, Information Dissemination, Instructional Materials, *Interinstitutional Cooperation, *Performance Based Education, Program Coordination, Program Development, Program Evaluation, Recruitment, Skills, *Student Mobility, *Transfer Policy, Transfer Students
Funding Period: Start Date 15 Mar 79; End Date 14 Mar 82
Fiscal Year Funding: $680
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-79-2

The articulation program to be developed and field tested in this project through the development of competency-based curriculum and instructional formats will be easily adaptable to other vocational education programs and all educational levels. It is expected to provide for more successful articulation within vocational disciplines, between educational levels, and between educational agencies. Student recruitment for vocational programs at all levels is expected to be increased and better communications established between levels of instruction and between industry and vocational programs. Documentation of student learnings in vocational programs will also be improved. From existing patterns of vocational articulation between James Madison University, two community colleges, and local divisions, one vocational discipline area will be identified for pilot design. Curriculum guides will be developed and field tested. Objective and subjective evaluation and resulting revision will occur continuously throughout the project.

AR 79 0711

Vocational Education Reporting System.
Project Director: Elson, Donald E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 216 Lane Hall, Blacksburg, VA 24061
Descriptors: *Adult Education, *Data Collection, *Educational Planning, Information Dissemination, *Management Information Systems, Manuals, *Records (Forms), Reports, Vocational Education Teachers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 80
Fiscal Year Funding: $50,657
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-78-2

The Vocational Education Reporting System (VERS) data forms and the user's manual will be revised, printed, and distributed each year with direct guidance from the staff of the Division of Vocational and Adult Education and the Division of Management Information Systems and used to collect information necessary for planning vocational education programs in Virginia. After receiving the data tape from the Division of Management Information Systems, the staff will analyze the data and prepare a report, "Outcomes of Vocational Education in Virginia." Work ethics materials, developed and revised under previous projects, will be evaluated by selected vocational teachers in Virginia to provide information for establishing the future use of these materials by vocational teachers. A report of the evaluation results will be prepared.

AR 79 0712

Vocational-Technical Education Consortium of States (V-TECS) in Virginia.
Project Director: Oliver, J. Dale
Organization: Virginia Polytechnic Inst., and State Univ., Blacksburg, Va.
Address: Blacksburg, VA 24061
Descriptors: *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, *Performance Based Education, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $100,372
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 131-78-1

To fulfill Virginia's responsibilities as a member of V-TECS, catalogs of performance objectives and performance guides will be developed for use by vocational education teachers in implementing competency-based instruction. A state-of-the-art study will be conducted to determine what performance objectives and criterion-referenced measures have been previously developed in selected occupational areas. An occupational inventory will be conducted to survey incumbent workers to determine tasks performed and the time spent on each. Survey results will be used to develop the catalogs which will be field tested for instructional validity before the final catalog is prepared. Consultation on catalog use will be provided during state-wide inservice training.

Exemplary and Innovative (Sec. 132)

AR 79 0713

Developing Innovative Informational Material and Recruiting Prospective Agricultural Education Teachers.
Project Director: Hillison, John
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 207 Lane Hall, Blacksburg, VA 24061
Descriptors: *Agricultural Education, *Audiotape Recordings, College Majors, Community Colleges, High Schools, Information Dissemination, *Material Development, *Slides, *Student Recruitment, *Teacher Education, Teacher Educators
Funding Period: Start Date 1 Mar 79; End Date 31 May 79
Fiscal Year Funding: $2,996
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 132-79-1

Ten sets of a slide/tape presentation for use in recruiting prospective agricultural education majors will be produced. Project staff will visit and discuss the Virginia Agricultural Education Teacher Education Program with students, teachers, and guidance counselors at eighteen community colleges and fifteen high schools in Virginia. The slide/tape package will be shown to the agricultural education joint staff and then disseminated.

AR 79 0714

Innovative Material for Recruiting Industrial Arts Teachers.
Project Director: Frechette, Fred L.
Address: P.O. Box 212, Williamsburg, VA 23185
Descriptors: *Faculty Recruitment, *Film Production, *Industrial Arts Teachers, *Material Development, Secondary Education, *Sound Films, *Teacher Recruitment
Funding Period: Start Date 9 Mar 79; End Date 31 May 79
Fiscal Year Funding: $11,940
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 132-79-2

The state supervisor and an advisory committee will identify specific content of a motion picture to be developed in this project for use in recruiting industrial arts teachers or recent graduates to teach in Virginia public schools. Three 16mm color/sound prints and four 8mm color/sound cassettes will be produced for delivery to the state supervisor.

AR 79 0715

Secondary Dental Aide/Assistant (Uncertified) Medical Assistant Core-Based Education Model Program.
Project Director: Epps, Jean; Eastwood, Leona
Organization: Newport News Public Schools, Va.
Address: 12465 Warwick Boulevard, Newport News, VA 23606
Descriptors: *Articulation (Program), Audiovisual Aids, Clinical Experience, *Dental Assistants, Evaluation Criteria, Followup Studies, *Health Occupations Education, Instructional Materials, *Medical Assistants, Pamphlets, *Performance Based Education, Postsecondary Education, *Program Development, Secondary Education, Skill Analysis
Funding Period: Start Date 15 Apr 79; End Date 14 Apr 82
Fiscal Year Funding: $19,993
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 132-79-3

The health occupations education program developed in this project will serve as a model for providing core-based curriculum materials for the dental assistant (uncertified) and medical assistant program in Virginia and for demonstrating articulation procedures between secondary health occupations education and postsecondary health careers programs. The two-track dental assistant (uncertified) and medical assistant health occupations education program to be developed, field tested, and revised will include a course outline based on entry-level minimum competency skills, an operational handbook, and written agreements for articulation and practicum at two high schools and selected health-care facilities in Newport News. A slide presentation and brochure summarizing the health occupations education programs will also be developed. Program effectiveness, based on student progress from program entry to three months after program exit, will be evaluated using selected Vocational Education Evaluation in Virginia criteria.

Curriculum Development (Sec. 133)

AR 79 0716

Competency-Based Curriculum Guide for Practical Nursing Education in Virginia.
Project Director: Mason, Mildred A.
Organization: Old Dominion Univ., Norfolk, Va.
Address: Hampton Boulevard, Norfolk, VA 23508
Descriptors: *Curriculum Guides, *Learning Modules, *Media Selection, *Performance Based Education, *Practical Nursing, Program Validation, *Teacher Developed Materials, Teacher Nurses, Teaching Methods
Funding Period: Start Date 1 Sep 78; End Date 31 May 80
Fiscal Year Funding: $4,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-7

Writing teams of practical nursing educators in five areas of the state will prepare the rough draft of the competency-based curriculum guide to be validated at a practical nursing educators' conference and by employers and LPNs. The guide will include minimum competencies for job entry and promotion and guidelines for use of occupational specialists such as nursing home employers and the Virginia Heart Association. The revised guide will serve as a minimum guide for practical nursing teachers, supervisors, and teacher educators to use in improving their programs.

AR 79 0717

Completion of Curriculum Guides for Senior Intensified Courses in Occupational Home Economics Education.
Project Director: Lester, Rosalyn M.
Organization: Radford Coll., Va.
Address: P.O. Box 5797, Radford, VA 24142
Descriptors: *Community Services, *Coordinators, Curriculum Development, *Curriculum Guides, Evaluation, Grade 12, Home Economics Education, *Home Furnishings, *Human Services, Job Skills, Learning Activities, *Occupational Home Economics, Program Planning, Senior High Schools
Funding Period: Start Date 15 Nov 78; End Date 28 Feb 79
Fiscal Year Funding: $2,475
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-17

Development of curriculum guides for Senior Intensified Courses in Occupational Home Economics Education during this project will assist teachers in planning learning activities for students at the twelfth-grade level who need to develop a marketable skill prior to graduation from high school. Edited copies of curriculum guides in the occupational areas of hospitality coordinator, home furnishings coordinator, human services coordinator, and community services coordinator will be evaluated and revised, then camera-ready typed and delivered to the Home Economics Education Services.

AR 79 0718

Develop Camera-Ready Copies of "How To Use American Industrial Arts Student Association (AIASA) in Class."
Project Director: Van Dyke, Arvid
Organization: Virginia State Coll., Petersburg
Address: Petersburg, VA 23803
Descriptors: Cocurricular Activities, Curriculum Development, *Curriculum Enrichment, Educational Objectives, *Industrial Arts, Instructional Materials, *Learning Activities, Learning Experience, *Student Organizations, Student Participation, Student Projects, *Teaching Guides
Identifiers: *American Industrial Arts Student Association
Funding Period: Start Date 1 Oct 78; End Date 31 May 79
Fiscal Year Funding: $2,400
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-15

Project staff will (1) prepare a guide for teachers to use with American Industrial Arts Student Association (AIASA) activities as a part of the curriculum, (2) develop activities and experiences for industrial arts students, and (3) provide a framework for future work by state industrial arts supervisory staff on curriculum development and organizational plans for the student association. These objectives will be accomplished by developing lists of curriculum and organizational goals for industrial arts, surveying advisors and supervisors to select activities and chapters suited for AIASA activities, obtaining materials from other sources for writing a rough draft to be reviewed by state personnel, and revising and delivering final copies to Industrial Arts Education Service for distribution.

AR 79 0719

Developing and Field Testing Exploratory Modules for Careers in Marketing and Distribution.
Project Director: Ely, Vivien K.
Organization: Virginia Commonwealth Univ., Richmond
Address: Richmond, VA
Descriptors: Career Education, *Career Exploration, *Distributive Education, Information Dissemination, Inservice Programs, *Learning Modules, *Marketing, *Material Development, Preservice Education, *Program Evaluation, Secondary Education, Student Interests
Funding Period: Start Date 1 Sep 78; End Date 31 May 82
Fiscal Year Funding: $2,345
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-6

Exploratory modules for careers in marketing and distribution will be developed and offered to middle or junior high school students in all Virginia schools through existing 8th and 9th grade career education courses. Two thousand copies of one short and one long exploratory module will be reproduced after field testing and revision. Preservice modules will be developed and provided to Virginia teacher education institutions on a cost-recovery basis; inservice workshops to prepare educational personnel to use the materials will be developed and field tested.

AR 79 0720

Development and Implementation of a Competency-Based Curriculum for Distributive Education in Virginia.
Project Director: Ely, Vivien K.
Organization: Virginia Commonwealth Univ., Richmond
Address: P.O. Box 60, Richmond, VA 23216
Descriptors: Consortia, Curriculum Development, *Curriculum Guides, *Distributive Education, Inservice Teacher Education, Instructor Coordinators, *Marketing, Models, *Performance Based Education, Senior High Schools
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $20,070
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-5

Activities involved in this project will include (1) revising all high school distributive education curriculum guides to meet the requirements of group instruction; (2) developing, field testing, and revising model training plans for representative marketing occupations for DE I, II, and III; (3) developing, field testing, and revising Distributive Education Clubs of America (DECA) competency-based events for local-, district-, and state-level student participation; (4) preparing and conducting inservice modules for teacher-coordinators of competency-based instruction simulation programs; and (5) fulfilling state membership in the Interstate Distributive Education Curriculum Consortium (IDECC) consortium. Project completion will result in improved teaching of distributive education in the state and comprehensive curriculum guides incorporating group instruction, plans and DECA activities that will help students prepare more specifically for marketing and distribution occupations.

AR 79 0721

Development of Camera-Ready Copies of "How to Start American Industrial Arts Student Association (AIASA) and Visuals for Use in Industrial Arts Courses."
Project Director: Bame, Allen
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 107 Seitz Hall, Blacksburg, VA 24061
Descriptors: Educational Programs, *Industrial Arts, *Material Development, Program Development, Slides, *Student Organizations, Tape Recordings, Teaching Guides, Transparencies
Identifiers: *American Industrial Arts Student Association
Funding Period: Start Date 1 Oct 78; End Date 30 Apr 79
Fiscal Year Funding: $2,398
Sponsoring Agency: Virginia State Dept. of Education, Ricmond
Contract and/or Control No.: 133-78-14

In an effort to enhance the development of American Industrial Arts Student Associations (AIASAs) thoughout Virginia, project staff will (1) develop ten copies of a slide/tape program to accompany the AIASA guide, (2) edit and prepare twelve camera-ready copies of "How to Start AIASA," and (3) develop a set of transparency masters to accompany the guide.

AR 79 0722

Development of Curriculum Guides for Three Consumer and Homemaking Specialized Courses.
Project Director: Lester, Rosalyn M.
Organization: Radford Coll., Va.
Address: P.O. Box 5797, Radford, VA 24142

Descriptors: *Consumer Education, Curriculum Development, *Curriculum Evaluation, *Curriculum Guides, *Homemaking Education, Home Management, *Performance Based Education, Secondary Education, *Teacher Developed Materials, Teacher Workshops
Funding Period: Start Date 1 Oct 78; End Date 31 May 79
Fiscal Year Funding: $5,900
Sponsoring Agency: Virginia State Dept.of Education, Richmond
Contract and/or Control No.: 133-78-3

Twelve high school teachers, identified by area supervisors, will participate in a three-day workshop to develop a competency-based curriculum guide for each of the following semester-long courses: food management, clothing management, and home management-consumer education. Project staff will develop an instrument to be used by three area or local supervisors and six teachers in critiquing the guides. The project director and state supervisor will then review, edit, and revise the curriculum guides. Camera-ready copies of the curriculum guides will be delivered to the Research Coordinating Unit.

AR 79 0723

Development, Procurement, and Dissemination of Agricultural Education Instructional Materials.
Project Director: Clouse, James P.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Div. of Vocational-Technical Education
Address: Blacksburg, VA 24061
Descriptors: Adult Education, *Agricultural Education, Curriculum Development, Information Dissemination, *Instructional Materials, *Media Selection, Publications, Purchasing, Secondary Education, *Teacher Developed Materials, *Teacher Education, *Vocational Agriculture Teachers
Funding Period: Start Date 15 Aug 78; End Date 31 May 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-3

To better prepare Virginia agricultural education teachers to serve the needs of students at the secondary and adult levels, this project will develop, purchase, and disseminate agricultural education instructional materials. Faculty members in the College of Agriculture and the College of Education at Virginia Polytechnic Institute and State University (VPI&SU) will write fifteen technical publications and nine professional education publications for use by Virginia agricultural education instructors, three publications for use by Virginia agricultural education instructors in operating local FFA chapters, and one publication for organizing and operating continuing education programs in local education departments. The publications will be printed at VPI&SU printing facilities. Two technical agricultural publications will be purchased, at a volume rate, for use by Virginia agricultural education instructors. The developed and purchased publications will be disseminated at area meetings or at the Virginia Agricultural Education Teachers Conference.

AR 79 0724

Industrial Cooperative Training Learning Module Project.
Project Director: Duenk, Lester G.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: P.O. Box 60, Richmond, VA 23216
Descriptors: *Cooperative Education, Curriculum Development, Employer Employee Relationship, Employment Interviews, *Industrial Education, Information Dissemination, *Instructional Materials, Job Application, *Learning Modules, *Material Development, Parliamentary Procedures, *Performance Based Education, Program Coordination, Safety Education, Student Organizations, Units of Study, Youth Clubs
Identifiers: Vocational Industrial Clubs of America
Funding Period: Start Date 1 Jan 79; End Date 30 Dec 79
Fiscal Year Funding: $2,743
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-10

Six competency-based learning modules which are coordinated with generally related units in Virginia Industrial Cooperative Training I and II curriculum guides will be developed in the areas of introduction to industrial cooperative training, parlimentary procedures, job applications and interviews, job safety, vocational industrial clubs, and employer-employee relations. Fifty modules of each title will be placed with the State Department of Education, Public Information and Publications Office for out-of-state sale and distribution. The remaining publications will be delivered to the State Department of Education, Trade and Industrial Education Service for dissemination to Virginia ICT coordinators and local directors of vocational education.

AR 79 0725

Learning Module Development for Industrial Cooperative Training.
Project Director: Duenk, Lester G.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 222 Lane Hall, Blacksburg, VA 24061
Descriptors: *Cooperative Education, Cooperative Programs, Credit Courses, *Graduate Study, *Individualized Instruction, *Industrial Education, *Learning Modules, Material Development, Program Content, Program Development, Teacher Developed Materials, *Teacher Education, Teaching Techniques, Units of Study
Funding Period: Start Date 15 Aug 78; End Date 31 May 79
Fiscal Year Funding: $2,100
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-11

A three-credit, tuition-reimbursed graduate course on learning module development and utilization in cooperative education will be offered to industrial cooperative training coordinators. The course will cover (1) concepts of individualizing instruction, (2) establishing and justifying program content, (3) prerequisite student skills, (4) developing vocational instructional objectives, (5) instructional strategies, (6) learning module basics, (7) developing the module, (8) using the module, (9) monitoring student progress, and (10) managing the individualized learning system. The course will be taught at Groveton High School in Alexandria, Virginia during the fall quarter of 1978.

AR 79 0726

New Curriculum Materials Development Project for Trade and Industrial Education.
Project Director: Duenk, Lester G.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg. Div. of Vocational-Technical Education
Address: 304 Lane Hall, Blacksburg, VA 24061
Descriptors: Air Conditioning, Curriculum Development, *Curriculum Guides, Flooring, Information Dissemination, Instructional Materials, *Material Development, Power Mechanics, Refrigeration, Secondary Education, *Study Guides, *Trade and Industrial Education, *Welding
Funding Period: Start Date 15 Aug 78; End Date 31 May 79
Fiscal Year Funding: $3,500
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-2

Three trade and industrial education publications–curriculum guide for power mechanics, study guide for floorcovering, and study guide for carpet laying–will be completed and submitted to the State Department of Education for review and approval along with the already-completed curriculum guide for vocational welding and curriculum guide for air conditioning/refrigeration. Three hundred copies of the welding, air conditioning/refrigeration, and power mechanics curriculum guides and 200 copies of the carpet laying and floorcovering study guides will be printed. Major dissemination of the publications will be conducted at the 1979 Trade and Industrial Education Conference; however, fifty copies of the guides will be sent to the Virginia State Department of Education's Public Information and Publications Office to be used for out-of-state sale requests and distribution. The remainder of the guides will be sent to the State Department of Education's Trade and Industrial Education Service to answer requests by trade and industrial educators and administrators for copies to use with new teachers and in inservice activities.

AR 79 0727

Plan to Revise Occupational Home Economics Curriculum Guides in Clothing Occupations and Home and Institutional Occupations; Develop a Curriculum Guide for Adult Instruction in Home Economics Education.
Project Director: Dewald, Margaret R.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 304 Lane Hall, Blacksburg, VA 24061
Descriptors: Adult Education, *Criterion Referenced Tests, Curriculum Development, *Curriculum Guides, *Learning Activities, *Occupational Home Economics, *Performance Based Education, *Resource Materials, Secondary Education, Teacher Developed Materials, Teacher Workshops
Funding Period: Start Date 1 Oct 78; End Date 31 May 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-12

Three curriculum guides will be developed using the expertise of currently employed home economics teachers in Virginia. The competency-based curriculum guides will include competencies, generalizations, suggested learning activities, criterion-referenced measures, and suggested resources. Eighteen home economics teachers, six from clothing occupations, six from home and institutional occupations, and six from adult instruction will be selected on the basis of recommendations from the local and regional supervisors and peers and given release time so that they may participate in a four-day workshop to develop the guides. After the initial work session, held at Virginia Polytechnic Institute and State University (VPI&SU), teachers will return to their home locations and will be requested to make further additions and revisions to specific areas of the guides. The curriculum guides will then be mailed to

VPI&SU where they will be further revised and typed.

AR 79 0728

Proposal for the Development of Camera-Ready Copies of Competency Catalogs with Criterion References for the Virginia Industrial Arts Curriculum.

Project Director: Ritz, John M.
Organization: Old Dominion Univ., Norfolk. Dept. of Vocational and Industrial Arts Education
Address: Norfolk, VA 23508
Descriptors: Catalogs, *Course Content, *Criterion Referenced Tests, Curriculum Development, *Educational Accountability, Educational Research, Educational Resources, *Industrial Arts, Industrial Arts Teachers, Instructional Materials, *Material Development, *Performance Based Education, Performance Based Teacher Education, Postsecondary Education, Secondary Education, Skills
Funding Period: Start Date 1 Aug 78; End Date 31 May 79
Fiscal Year Funding: $20,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-1

Project staff will develop subcontracts with Virginia teacher education institutions which offer industrial arts programs to undertake research and development of assigned criterion-referenced competency catalogs, (2) supervise the development of fifteen criterion-referenced competency catalogs for the state-approved industrial arts curriculum by teacher education institutions awarded subcontracts, (3) supervise the validation of fifteen criterion-referenced competency catalogs by the state-appointed advisory committees, and (4) prepare camera-ready copy of the fifteen catalogs to match the Virginia industrial arts program of studies. Catalogs will be developed in this project to provide the course contents which industrial arts teachers, supervisors, and teacher educators can apply in their curriculum development undertakings to improve their programs on a common body of attainable tasks and, consequently, become accountable for the knowledge, skills, and values that all students should possess as they leave approved Virginia industrial arts programs.

AR 79 0729

A Proposal to Expand Utilization of Two Distributive Education Adult Mini-Courses.

Project Director: Reece, Barry L.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg, Div. of Vocational-Technical Education
Address: Blacksburg, VA 24061
Descriptors: *Adult Education, Data Collection, *Distributive Education, Educational Programs, Enrollment Rate, Learning Modules, *Program Development, Program Planning, *Salesmanship, Secondary Education, Secondary School Teachers, *Short Courses, *Student Recruitment
Funding Period: Start Date 1 Sep 78; End Date 30 Jun 79
Fiscal Year Funding: $2,543
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-4

A committee composed of distributive education personnel will be formed to develop a plan which will increase enrollment in two existing distributive education adult mini-courses, "Contact: Making Positive First Impressions," and "Sales Effectiveness Training." Fifteen copies of these mini-courses will be developed, field tested, edited, and produced. Thirty secondary distributive education teacher coordinators who undergo a training program designed to prepare them to teach one of the two distributive education adult mini-courses will receive an instructional package consisting of one of the two mini-courses. The plan to increase enrollment in the two mini-courses will be revised, if necessary, after a trial period. Refinement of the plan will reflect information collected from adult learners who have completed the courses and from teachers who have served as instructors.

AR 79 0730

Purchasing and Reproducing Vocational-Technical Education Consortium of States (V-TECS) Catalogs and Other V-TECS Competency-Based Instructional Materials.

Project Director: Elson, Donald E.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: 222 Lane Hall, Blacksburg, VA 24061
Descriptors: Curriculum Guides, *Educational Resources, Information Dissemination, *Instructional Materials, *Media Selection, *Performance Based Education
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Oct 78; End Date 31 May 79
Fiscal Year Funding: $30,000
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-9

The project will provide funds to (1) print up to twenty V- TECS catalogs which will be developed and made available to Virginia through the Vocational-Technical Education Consortium of States, (2) search for and secure copies of other V-TECS products (competency-based instructional materials) for possible use in Virginia and print the selected materials in sufficient quantity for vocational instructors, and (3) distribute all printed materials.

AR 79 0731

Using Metrics in Industrial Arts.

Project Director: Bame, E. Allen
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: Blacksburg, VA 24061
Descriptors: Curriculum Development, *Industrial Arts, Industrial Arts Teachers, *Integrated Activities, *Material Development, *Metric System, *Teaching Guides
Funding Period: Start Date 1 Oct 78; End Date 31 May 79
Fiscal Year Funding: $2,187
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-16

This project will develop and produce a camera-ready copy and twelve printed copies of a guide to be used by industrial arts teachers to integrate the components and concepts of metric measurement into Industrial Arts Program of Studies. This will be accomplished by (1) organizing an advisory committee to provide guidance and review the project results; (2) developing the guide with student help; and (3) reviewing and revising the guide using the advisory committee, groups, teacher educators, and supervisors.

AR 79 0732

Vocational Education Curriculum Development Satellite Project.

Project Director: Ramey, Walter S.
Organization: Virginia Commonwealth Univ., Richmond. School of Education
Address: 901 West Franklin Street, Richmond, VA 23284
Descriptors: Curriculum Development, *Delivery Systems, *Information Dissemination, Inservice Programs, *Instructional Materials, *Media Selection, *Performance Based Education, *Program Coordination
Funding Period: Start Date 15 Mar 79; End Date 30 Jun 82
Fiscal Year Funding: $649,996
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-18

A satellite curriculum development unit to consolidate the delivery of curriculum materials and services will be created, resulting in greater flexibility and improved efficiency in the administration of the state vocational education program. A system for the preparation and dissemination of vocational education curriculum materials will be developed and coordinated with state staff and vocational teacher educators. The project will assist state staff in obtaining and evaluating instructional materials and media and will promote the diffusion of the curriculum materials for successful research, exemplary, and innovative programs. Curriculum materials prepared by other states will be procured, revised, and disseminated. Other project services will be to aid in the development of competency-based curriculum materials; coordinate services available through state, regional, and national curriculum networks; and, in cooperation with the curriculum development unit, provide inservice training in the use of new curriculum materials and other instructional media.

AR 79 0733

Youth Club Leadership Development for Industrial Cooperative Training.

Project Director: Duenk, Lester G.
Organization: Virginia Polytechnic Inst. and State Univ., Blacksburg
Address: Blacksburg, VA 24061
Descriptors: *Cooperative Education, *Coordinators, *Industrial Education, *Inservice Teacher Education, *Leadership Training, Parliamentary Procedures, Program Evaluation, Public Relations, Secondary Education, Student Motivation, Student Participation, Student Recruitment, *Youth Clubs
Funding Period: Start Date 15 Aug 78; End Date 31 May 79
Fiscal Year Funding: $3,177
Sponsoring Agency: Virginia State Dept. of Education, Richmond
Contract and/or Control No.: 133-78-8

Thirty qualified industrial cooperative training coordinators will be selected to participate in Virginia Industrial Cooperative Training Leadership Development (VICA) courses in the Alexandria-Fairfax and Tidewater-Richmond areas. Coordinators will be prepared to operate a successful youth club program which includes expertise in (1) conducting meetings and business procedures (2) directing leadership components of VICA, including the Skill Olympics and Club Achievement Programs, (3) handling financial and public relations aspects of the VICA program, (4) recruiting students and maintaining a high level of student participation, and (5) evaluating the level of operation

of their clubs. Courses will be held under the direction of the Virginia Polytechnic Institute and state university professors who are also certified industrial cooperative training coordinators. In addition, it is intended that the ICT secondary students will develop a higher level of leadership through better club operation and will be motivated to perform at higher levels in school because of the school-community relevance promoted through VICA.

WASHINGTON

Research (Sec. 131)

AR 79 0734

Curriculum for Industrial Safety and Health Standards for Construction.
Project Director: Nystrom, Edward
Organization: Spokane Community Coll., Wash. Dept. of English
Address: Spokane, WA 99207
Descriptors: *Audiovisual Instruction, *Building Trades, Carpenters, Construction (Process), Curriculum Development, *Health, Postsecondary Education, *Safety, *Safety Education
Funding Period: Start Date 18 Jun 79; End Date 1 Sep 79
Fiscal Year Funding: $1,638
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHP(223)NP

A course on vertical construction safety and health standards will be developed and taught to students in Spokane Community College's three carpentry classes who will work in construction. Project staff will perform 120 hours of work with several foundation, electrical, roofing, and other construction contractors to evaluate building safety codes and practices. Evaluation data will be coordinated with a slide/tape presentation which will show the sequence of onsite building construction techniques from forming and shoring the foundation to applying chimney safety configuration criteria. A final report will be delivered.

AR 79 0735

Development of a Methodology for Delivery of Occupational Information Using a Microprocessor System.
Project Director: Marble, James E.
Organization: Clark Coll., Vancouver, Wash.
Address: Vancouver, WA 98663
Descriptors: *Computers, *Equipment Utilization, *Management Information Systems, *Program Development
Identifiers: Computer Terminals, *Microprocessors
Funding Period: Start Date 18 Jun 79; End Date 30 Jun 80
Fiscal Year Funding: $3,300
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHR(224)NP

Programs and information files will be developed on mini-discs for use in a "stand-alone" computer which requires no telephone connection or use of a host computer. Such a micro-system (e.g., Apple-II, TRS-80, SOL) can be configured for $2,500 to $3,500 and will operate in "turn-key" fashion; i.e., students will not need special instruction to operate the system. In addition to providing an affordable alternative for small or remote schools and a cost alternative for larger users, and micro-system's portability will enable it to be shared among schools. A final report will be delivered.

AR 79 0736

Gathering and Disseminating a List of Current Occupational Information Materials for the Various Service Areas.
Project Director: Abendroth, Ruth B.
Organization: Washington State Univ., Pullman
Address: Pullman, WA 99164
Descriptors: Business Education, Distributive Education, *Educational Resources, Health Personnel, *Information Dissemination, Instructional Materials, *Occupational Guidance, Occupational Home Economics, *Occupational Information, Office Occupations, *Service Occupations, Vocational Agriculture
Funding Period: Start Date 19 Jun 79; End Date 19 Jun 80
Fiscal Year Funding: $9,906
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHM(211)NP

A list of current occupational materials will be gathered for the following service areas; agriculture; home economics; business and office; trade, industry, and health; distributive education; and guidance. National information available for each service area will be compiled and coordinated, and information which applies specifically to Washington will be indicated. The list will be disseminated to vocational teachers and students, guidance and counseling centers, and school libraries. A final report will be delivered.

AR 79 0737

Model to Increase and Retain Nontraditional and Handicapped Secondary Vocational Enrollments.
Project Director: Alaniz, Doris
Organization: Edmonds School District 15, Lynnwood, Wash.
Address: 3800-196th Street, SW. Lynnwood, WA 98036
Descriptors: *Comprehensive Programs, Delivery Systems, Demonstration Programs, Dropout Prevention, Educational Programs, *Enrollment, Filmstrips, *Handicapped Students, Material Development, *Models, *Nontraditional Students, *Program Development, School Activities, Secondary Education
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $4,000
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHE(110)

A comprehensive model program will be developed and implemented in Edmonds School District to increase and retain the enrollment of handicapped and nontraditional students in vocational training programs in its secondary schools. Development and professional production of vocational education course offering brochures and sound filmstrip presentations emphasizing nontraditional and handicapped students will be included in the program elements. Career fairs will be organized for secondary schools with exhibits from program areas and suitable role models from industry. Information delivery systems will be developed for vocational education descriptive materials and realistic career information for students in grades 9-10. Teachers and students will review curricula and course titles to identify elements which may be unattractive or offensive to nontraditional students. An intensive recruiting campaign conducted in secondary schools for nontraditional and handicapped students will be preceded and followed by tests to assess student knowledge of and interest in the vocational training programs offered. Samples of printed materials, descriptions of media items, and statistics of nontraditional and handicapped vocational education enrollments will be made available to other Washington school districts.

AR 79 0738

Revision of Program Evaluation Instruments for Trade and Industrial Programs.
Project Director: Thomas, Roy
Organization: West Virginia Research Coordinating Unit for Vocational Education, Huntington
Address: 307 Old Main, Huntington, WV 35701
Descriptors: *Measurement Instruments, *Program Evaluation, *Trade and Industrial Education
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $3,360
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-3

Evaluation instruments for thirty-six trade and industrial vocational education programs will be revised for program improvement. A consultant will be hired to work with a task force of trade and industrial people in West Virginia.

Exemplary and Innovative (Sec. 132)

AR 79 0739

Emergence of Word Processing (An Audiovisual Presentation).
Project Director: Funk, Beverly M.
Organization: Everett Community Coll., Wash.
Address: Everett, WA 98201
Descriptors: *Information Dissemination, *Material Development, Office Management, *Office Occupations, *Publicize, *Slides
Identifiers: *Word Processing
Funding Period: Start Date 18 Jun 79; End Date 1 Oct 79

Fiscal Year Funding: $643
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHU(22)

To correct common misconceptions about word processing and provide viewers with positive, accurate information, a slide/tape presentation will be developed to describe functions and operations of word processing in the modern office, using word-processing as a management tool, and local processing centers. A final report and duplicate slides will be delivered.

AR 79 0740

Energy Management Technician Curriculum.
Project Director: Sarvis, Robert E.
Organization: Edmonds Community Coll., Lynnwood, Wash.
Address: Lynnwood, VA 98036
Descriptors: Community Colleges, Curriculum Development, *Energy, *Paraprofessional Personnel, Postsecondary Education
Funding Period: Start Date 1 Jun 79; End Date 31 May 80
Fiscal Year Funding: $5,938
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHV(221)

A comprehensive energy management technician program will be implemented following identification of curriculum topics, prerequisite skill levels, length of training required, and instructional resources to be included in the program courses. By the close of the project, twenty students are expected to complete training as energy management technicians. A final report will be delivered.

AR 79 0741

Entry to Exit.
Project Director: Primavera, Joanne
Organization: Renton Vocational Technical Inst., Wash.
Address: 3000 N.E. Fourth Street, Renton, WA 98055
Descriptors: *Ability Identification, *Academic Achievement, *Disadvantaged Youth, *Handicapped Students, Individualized Programs, *Nontraditional Students, Postsecondary Education, Program Coordination, Secondary Education, Student Placement, *Systems Development, Technical Institutes
Funding Period: Start Date 1 Nov 78; End Date 31 Jul 79
Fiscal Year Funding: $14,432
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AGL(153)

At least twenty-five individualized methods for tracking disadvantaged and handicapped students and those in training for nontraditional occupations at the secondary level will be developed with instructors and coordinated by the vocational counseling center. Methods to monitor students' progress from entry to exit and assure placement upon completion of the programs will be included. Procedures for identifying these special groups at the secondary level will also be developed and implemented.

AR 79 0742

Horticultural Therapy Curriculum Development.
Project Director: Taylor, Sally; And Others
Organization: Edmonds Community Coll., Lynnwood, Wash.
Address: Lynnwood, WA 98036
Descriptors: Children, Community Colleges, *Counselor Training, Curriculum Development, *Horticulture, Interdisciplinary Approach, *Mentally Handicapped, *Occupational Therapy, Older Adults, *Physically Handicapped
Funding Period: Start Date 4 Jun 79; End Date 31 Oct 79
Fiscal Year Funding: $2,991
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHW(222)

Horticulture therapists; future employers of certified personnel, the academic advisory committee, and Edmonds Community College staff members will develop a horticulture therapy curriculum for an interdisciplinary offering through the horticulture and social and human services departments. Course materials will be developed to train people to provide therapeutic horticultural activities to children, the elderly, mental patients, retarded persons and those with conditions such as blindness and muscular and neurological problems. A final report will be delivered.

AR 79 0743

Model Vocational Curriculum Development.
Project Director: Estes, Robert
Organization: Lake Stevens School District 4, Wash.
Address: Lake Stevens, WA 98258
Descriptors: Career Education, *Comprehensive Programs, *Educational Objectives, *Guidance Programs, Industrial Arts, *Models, *Occupational Guidance, *Program Development, Senior High Schools
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $2,500
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHE(112)

A comprehensive vocational guidance program will be developed for Lake Stevens Senior High School in a series of work sessions designed to produce a guidance instrument, a written plan explaining all facets of the program, and student learning objectives for vocational, industrial arts, and career education. The model program will be made available to the state and local educational agencies for their adoption.

Curriculum Development (Sec. 133)

AR 79 0744

Development of a Curriculum in Laser Technology.
Project Director: Wasserman, William J.
Organization: Seattle Community Coll., Wash.
Address: 1705 Broadway, Seattle, WA 98122
Descriptors: Community Colleges, Curriculum Design, Curriculum Development, *Electrooptics, Information Dissemination, *Lasers, Postsecondary Education, Technical Education, Technology
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHA(119)

A detailed curriculum for a six-quarter laser electrooptics training program will be developed by Seattle Central Community College, evaluated by an industrial advisory committee consisting of both employers and laser electrooptics technicians, and subsequently revised. The training program will be made available to local employers, other major employers, students and instructors at laser electrooptics institutions, and appropriate Technical Education Research Center personnel.

AR 79 0745

Development of Irrigation Technology Curriculum for the Pacific Northwest.
Project Director: Farrens, Greg
Organization: Walla Walla Community Coll., Wash.
Address: 500 Tausick Way, Walla Walla, WA 99362
Descriptors: Community Colleges, Curriculum Development, *Employment Qualifications, Information Dissemination, *Instructional Materials, Job Analysis, *Job Skills, *Material Development, Postsecondary Education, School Industry Relationship, Surveys
Identifiers: *Irrigation Technology
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $7,000
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHB(131)NP

Using information on skills and skill levels required for entry-level employment gathered from a poll of industry, project staff will develop and distribute a complete program in irrigation technology at Washington state community colleges.

AR 79 0746

Guidelines to Achieve Sex Equity in Vocational Education Home Economics.
Project Director: Martin, Ruth
Organization: Washington State Univ., Pullman
Address: 210 White Hall, Pullman, WA 99164
Descriptors: Curriculum Development, *Family Life Education, *Guidelines, Home Economics Education, Home Economics Teachers, *Homemaking Education, *Instructional Materials, *Nondiscriminatory Education, Postsecondary Education, Secondary Education, *Sex Fairness, Sex Stereotypes, Teaching Methods

Funding Period: Start Date 8 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $4,032
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHD(132)NP

Guidelines for eliminating sex bias and stereotyping of females and males in vocational education curriculum materials, resources, and methods will be developed for and disseminated to home and family life education teachers. A model set of nonsexist curriculum guidelines that can be applied to new or existing materials will be developed. A workshop will be conducted to identify and document model instructional strategies or teaching methods that are nonsexist in nature and to evaluate existing print and nonprint instructional resources for evidence of sexism. The state staff of home and family life teachers, the Teachers' Coordinating Council, and all home and family life teachers in Washington will receive orientation and instruction on the use of the products. The system could serve as a model for other vocational education service areas in the state.

AR 79 0747

New Horizons for Legal Assistant Employment.
Project Director: Fitch, Michael F.
Organization: Edmonds Community Coll., Lynnwood, Wash.
Address: 20000-68th Avenue, West, Lynnwood, WA 98036
Descriptors: College Credits, *Community Colleges, Curriculum Development, Instructional Materials, *Lawyers, *Legal Assistants, *Legal Education, Material Development, Multimedia Instruction, Postsecondary Education, *Professional Continuing Education, Seminars, Videotape Recordings
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $4,000
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AG9(111)

This project will produce a legal education package for use by other community colleges. Instructions on presentation, a copy of written materials, and video recordings of seminars will be provided. The curriculum will provide quality legal education, appropriate for Washington State Bar Association Continuing Legal Education credit or college credit, to practicing attorneys and legal assistants.

AR 79 0748

Washington State Nursing Home Administrator Model Curriculum.
Project Director: Swaryck, Florence Kelly
Organization: Fort Steilacoom Community Coll., Tacoma, Wash.
Address: 9401 Farwest Drive, SW, Tacoma, WA 98498
Descriptors: *Administrative Personnel, Community Colleges, Curriculum Development, Curriculum Guides, *Educational Programs, Models, *Nursing Homes, Postsecondary Education
Funding Period: Start Date 1 Dec 78; End Date 30 Sep 79
Fiscal Year Funding: $10,400
Sponsoring Agency: Washington State Commission for Vocational Education, Olympia
Contract and/or Control No.: 79-AHC(103)

Ten courses and detailed course outlines will be developed for a program to provide the initial training of nursing home administrators. A list of topics that could be offered through a series of short, intensive seminars to satisfy the continuing education requirements of the industry will also be produced. Key elements of existing programs will be identified. The course outlines and supplemental topics will be developed at Fort Steilacoom Community College. The curriculum will be replicable state-wide.

WEST VIRGINIA

Research (Sec. 131)

AR 79 0749

Determine Why Black Students Have Insufficient Enrollments in Vocational-Technical Programs and Develop Strategies for Increasing Their Particpation.
Project Director: Montebell, Thomas G.
Organization: West Virginia Research Coordinating Unit for Vocational Education, Huntington
Address: 307 Old Main, Huntington, WV 35701
Descriptors: *Black Students, Community Colleges, *Educational Strategies, *Enrollment Influences, *Enrollment Trends, Guidelines, Secondary Education, *Student Participation, Surveys
Funding Period: Start Date 15 Apr 79; End Date 30 Jun 80
Fiscal Year Funding: $25,000
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: RVTAE-79-WV-80-R-2

A set of guidelines and specific strategies for improving black enrollment in vocational and technical programs will be developed from survey and research findings. Educational Resources Information Center (ERIC) services will be used in conducting a literature search for sample forms and survey results related to black student participation in vocational and technical programs. Survey forms, procedures, and sampling techniques will be developed; the survey conducted; and findings analyzed for community colleges, area vocational centers, and secondary schools. One hundred fifty bound copies of the report will be produced.

AR 79 0750

Development of Curriculums for Adult Supplemental Programs in Consumer Education.
Project Director: Thomas, Roy
Organization: West Virginia Research Coordinating Unit for Vocational Education, Huntington
Address: Huntington, WV 25701
Descriptors: Adult Education, *Consumer Education, Curriculum Development, *Homemaking Education, Instructional Materials, *Learning Modules, *Media Selection, Supplementary Education
Funding Period: Start Date 15 Mar 79; End Date 31 Aug 79
Fiscal Year Funding: $12,860
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-5

Three consultants will be employed to develop ninety-eight curriculum modules in six categories for adult supplemental consumer and homemaking programs. Media materials for the curricula will be purchased and placed in the state curriculum laboratory.

AR 79 0751

Testing West Virginia Vocational Students with Ohio Occupational Achievement Tests.
Project Director: Thomas, Roy
Organization: Marshall Univ., Huntington, W.Va.
Address: Huntington, WV 25701
Descriptors: *Achievement Tests, Grade 11, Grade 12, *Norm Referenced Tests, Norms, *Occupational Tests, *Program Evaluation, Secondary Education, *Standardized Tests, State Programs, *Student Testing, Testing Programs, Test Interpretation, Test Results
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $16,570
Note: This project also received $8,075 in state funds for FY 1979.
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-2

Consultant services of the Ohio Instructional Materials Laboratory will be obtained to administer, score, analyze and disseminate the results of occupational achievement tests which will be given to all West Virginia students in grades 11 and 12 who are enrolled in programs for which tests are available. This information will enable local program personnel to evaluate their programs in relation to state norms and provide data for a future project in which the test scores will be related to student placement and success rates.

AR 79 0752

Testing West Virginia Vocational Students with Ohio Occupational Achievement Tests.
Project Director: Thomas, Roy
Organization: West Virginia Research Coordinating Unit for Vocational Education, Huntington
Address: Huntington, WV 25701
Descriptors: *Academic Achievement, Achievement Rating, *Achievement Tests, Data Analysis, Data Collection, Grade 11, Grade 12, Information Dissemination, Norm Referenced Tests, Norms, *Program Improvement, Senior High Schools, State Standards, *Student Testing, Test Results
Funding Period: Start Date 1 Mar 79; End Date 30 Jun 79
Fiscal Year Funding: $16,570
Note: This project also received $8,075 in state funds for FY 1979.
Sponsoring Agency: West Virginia State Dept. of Education, Huntington
Contract and/or Control No.: BVTAE-76-WV-79-R-2

West Virginia students in grades 11 and 12 will be tested using the twenty-five Occupational Achievement Tests. The Ohio Instructional Materials Laboratory will score and analyze the tests. Results will be disseminated to the state and to each county for use in program evaluation and later, to relate test scores of students to placement and success rates.

AR 79 0753

Vocational Needs Assessment and Planning for Mingo County.
Project Director: Cook, John; Santrock, John
Organization: Marshall Univ., Huntington, W.Va.
Address: Huntington, WV
Descriptors: *Needs Assessment, *Program Planning
Funding Period: Start Date 1 Sep 78; End Date 31 Mar 79
Fiscal Year Funding: $3,200
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-1

A consultant will be employed to assist in conducting a needs assessment of students, parents, older adults, and employers in Mingo County to develop more realistic planning of vocational education programs in the county. A final report will be delivered.

AR 79 0754

Vocational Needs Assessment and Planning for Mingo County.
Project Director: Cook, John; Santrock, John
Organization: West Virginia Research Coordinating Unit for Vocational Education, Huntington
Address: Huntington, WV 25701
Descriptors: *Consultants, *Needs Assessment, *Program Development, *Program Planning
Funding Period: Start Date 1 Sep 78; End Date 31 Mar 79
Fiscal Year Funding: $3,200
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-1

A consultant will be employed to assist in conducting a needs assessment in which students, parents and other adults, and employers in Mingo County will be surveyed. A vocational plan will be developed based on the analyzed data.

AR 79 0755

Vocational Needs Assessment for Kanawha County.
Project Director: Davis, Dennis
Organization: Kanawha County Schools, Charleston, W.Va.
Address: 200 Elizabeth Street, Charleston, WV 25311
Descriptors: *Educational Needs, Educational Planning, *Facility Planning, *Manpower Needs, *Needs Assessment, *Program Planning, *Student Needs
Funding Period: Start Date 15 Jan 79; End Date 30 Jun 79
Fiscal Year Funding: $12,153
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-R-4

Vocational programs for a new facility will be recommended on the basis of needs assessment data collected from surveys of students, business and industry, and adults conducted to assess student and manpower needs for vocational education in Kanawha County.

Exemplary and Innovative (Sec. 132)

AR 79 0756

Demonstration of Activities and Procedures for Overcoming Sex Bias and Sex Role Stereotyping in a Vocational Education Center.
Project Director: Rhodes, Charles
Organization: James Rumsey Vocational-Technical Center, Martinsburg, W. Va.
Address: Rt. 6, Box 268, Martinsburg, WV 25401
Descriptors: *Change Strategies, *Learning Activities, *Program Development, *Sex Discrimination, Sex Fairness, *Sex Stereotypes, *Teaching Procedures, Vocational Training Centers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $20,315
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-79-E-3

An advisory committee will be organized to identify, plan, and prepare activities and procedures which will help eliminate sex bias and sex role stereotyping in vocational programs in West Virginia, conduct a five-day workshop to prepare personnel on how to eliminate sex biases and sex role stereotyping; and use the activities in the classroom. A final report containing suggestions for procedures and strategies to eliminate sex biases and sex role stereotyping in vocational education will be prepared.

AR 79 0757

Demonstration of Consumer Education Programs for Adults.
Project Director: Kesler, Ray M.
Organization: Monongalia County Vocational-Technical Center, Morgantown, W.Va.
Address: Morgantown, WV
Descriptors: *Adult Education Programs, *Consumer Education, *Consumer Protection, Decision Making, Health Services, Housing, *Learning Activities, *Low Income Groups, *Money Management, Older Adults, One Parent Family
Funding Period: Start Date 1 Sep 78; End Date 31 Aug 79
Fiscal Year Funding: $22,666
Note: This project also received $5,131 in state funds for FY 1979.
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-79-E-8

In an effort to prepare the participants of this project to become wider consumers of goods and services, project staff will demonstrate a comprehensive year-long series of consumer education activities for adults. This objective will be accomplished by conducting a series of consumer education classes in the areas where participants reside which emphasize the needs of low income, fixed income, elderly, and single-parent adults. Classes will include health services and products, food buying, decision making, financial planning, housing, consumer rights, and consumer protection.

AR 79 0758

Demonstration of the Competency-Based Curriculum for Distributive Education and Distributive Cooperative Training Programs.
Project Director: Olson, LeVene
Organization: Marshall Univ., Huntington, W. Va. Dept. of Occupational, Adult, and Safety Education.
Address: Huntington, WV
Descriptors: Area Vocational Schools, *Cooperative Education, *Curriculum Evaluation, *Distributive Education, *Educational Programs, Feasibility Studies, Inservice Teacher Education, *Performance Based Education, *Program Effectiveness, Program Evaluation, Secondary Education
Funding Period: Start Date 20 Aug 78; End Date 31 Dec 79
Fiscal Year Funding: $26,966
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-79-E-9

This project will demonstrate the degree of effectiveness and the feasibility of the IDECC curriculum and the difference in effectiveness of competency-based curriculum implementation using an implementation coordinator in the following settings: DCT capstone program, DCT general program, DE in the home high school, and DE in a vocational and technical school. To demonstrate and evaluate the IDECC competency-based materials, an experimental group consisting of twelve programs and a control group consisting of twelve matched programs will be involved. A three-day inservice program will be conducted during September 1978 for the twenty-four participating DE and DCT teacher coordinators. The implementation coordinator will make nine in-school consultation visits to each of the twelve DE and DCT teacher coordinators during the school year. In June 1979, a three-day inservice seminar will be conducted for the twelve DE and DCT teacher coordinators who are in the experimental group. A guide for each of the four types of programs will be developed which will illustrate specific methods and procedures in which the IDECC curriculum can be used effectively in each instructional setting. Recommendations for curriculum revisions, additional study, and implementation strategies will be made in the final report.

AR 79 0759

Demonstration of the Supervisory Training Program.
Project Director: Schmutzler, Mark
Organization: Regional Education Service Agency 8, Martinsburg, W. Va.
Address: 615 West King Street, Martinsburg, WV 25401
Descriptors: Demonstrations (Educational), *Experimental Curriculum, *Instructional Materials, *Learning Modules, *Material Development, *Program Development, Supervisors, *Supervisory Training
Identifiers: Mining
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $28,013
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-79-E-4

In a two-phase experimental effort, first line supervisory and potential supervisory personnel from mining companies and non-mining industries will participate in experimental classes to revise an instructional package and develop a supplemental unit for mining supervisors. A field test will be conducted. In addition to the instructional package and supplement unit, a final report with suggestions for demonstrating the materials will be produced.

AR 79 0760

Exemplary Vocational Exploration Program (Continuation).
Project Director: Sommer, A. E., Jr.
Organization: Mason County Vocational Center, Point Pleasant, W.Va.
Address: Point Pleasant, WV
Descriptors: Building Trades, *Career Exploration, Fine Arts, Humanities, Integrated Curriculum, Manufacturing Industry, *Occupational Clusters, *Prevocational Education, *Short Courses, *Simulation, Transportation, *Units of Study
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $2,166
Sponsoring Agency: West Virginia State Dept. of Education, Charleston.
Contract and/or Control No.: WV-79-E-1

The purpose of this project is to conduct a program which uses a unit approach to interrelate school curriculum and pre-vocational exploration. The pupils will explore the industrial occupation exploratory laboratory groupings as defined in Guide for Establishing Programs of Vocational Exploration. The pupils will be given a change to observe occupations in manufacturing, construction, transportation, and the fine arts and humanities. The pupils will study these occupational families through mini pre-vocational explorations. Simple tasks in simulated work environments will be performed by the pupils during these explorations. Tools, materials, products, and procedures characteristics of given work settings will be used.

AR 79 0761

Non-Paid Work Experience Program (Continuation).
Project Director: Hammond, James D.
Organization: Webster County High School, Upperglade, W. Va.
Address: Upperglade, WV 26266
Descriptors: *Job Placement, *On the Job Training, *Program Development, Secondary Education, *Student Placement, *Work Experience Programs
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,056
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-79-E-2

During the third year of this project, project staff will conduct a placement and assistance program which provides on-the-job experience as part of vocational educational programs. Students will be placed in thirteen weeks of job experience related to their vocational education program. Transportation and insurance will be provided to the students.

Curriculum Development (Sec. 133)

AR 79 0762

Chemical Operator Competency-Based Education (CBE) Curriculum--Part II.
Project Director: Stuart, Delmar
Organization: Pleasants-Ritchie-Tyler Vocational Center, Saint Marys, W.Va.
Address: Saint Marys, WV 26170
Descriptors: *Chemical Technicians, Curriculum Development, Learning Activities, *Performance Based Education, Standards, State Curriculum Guides, *Teaching Guides

Funding Period: Start Date 15 May 79; End Date 15 Feb 80
Fiscal Year Funding: $1,000
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-C-23

Part II of a competency-based chemical operator curriculum for use in West Virginia will be developed according to Bureau of Vocational, Technical and Adult Education format. Cognitive, affective, and psychomotor competencies will be identified and validated.

AR 79 0763

Competency-Based Education (CBE) Curriculum in Agribusiness Management.
Organization: RCA Service Co., Camden, N.J.
Address: Building 202-2, Camden, NJ 08101
Descriptors: *Agribusiness, Curriculum Development, *Curriculum Guides, *Learning Activities, *Management, *Performance Based Education, Task Analysis, *Teaching Guides
Funding Period: Start Date 1 Dec 78; End Date 31 Oct 79
Fiscal Year Funding: $9,570
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 57 A

A CBE curriculum for use in agribusiness management programs will be developed in this project. The curriculum will include tasks, steps, learning activities, and standards. In addition to the curriculum, a teacher's guide will be produced.

AR 79 0764

Competency-Based Education (CBE) Curriculum in Chemical Operator–Block I.
Project Director: Stewart, Delmar
Organization: Pleasants-Ritchie-Tyler Vocational Center, St. Marys, W.Va.
Address: St. Marys, WV 26170
Descriptors: *Chemical Technicians, Curriculum Development, Learning Activities, *Performance Based Education, Standards, State Curriculum Guides, *Teaching Guides
Funding Period: Start Date 1 Jul 78; End Date 1 Sep 78
Fiscal Year Funding: $993 (Charged to FY 1978)
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-C-12

Block I of a competency-based chemical operator curriculum will be developed for use in West Virginia and nationally. Tasks, steps, learning activities, and standards will be included.

AR 79 0765

Competency-Based Education (CBE) Curriculum in Data Processing.
Organization: RCA Service Co., Camden, N.J.
Address: Building 202-2, Camden, NJ 08101
Descriptors: Curriculum Development, *Curriculum Guides, *Data Processing, *Learning Activities, *Performance Based Education, Task Analysis, *Teaching Guides
Funding Period: Start Date 1 Dec 78; End Date 31 Oct 79
Fiscal Year Funding: $9,570
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 59 A

A CBE curriculum for use in data processing programs will be developed in this project. The curriculum will include tasks, steps, learning activities, and standards. In addition to the curriculum, a teacher's guide will be produced.

AR 79 0766

Competency-Based Education (CBE) Curriculum in Masonry.
Organization: RCA Service Co., Camden, N.J.
Address: Building 202-2, Camden, NJ 08101
Descriptors: Curriculum Development, *Curriculum Guides, *Learning Activities, *Masonry, *Performance Based Education, Standards, Task Analysis, *Teaching Guides
Funding Period: Start Date 1 Dec 78; End Date 31 Oct 79
Fiscal Year Funding: $9,570
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 60 A

A CBE curriculum for use in masonry programs will be developed in this project. The curriculum will include tasks, steps, learning activities, and standards. In addition to the curriculum, a teacher's guide will be produced.

AR 79 0767

Competency-Based Education (CBE) Curriculum in Ornamental Horticulture.
Organization: RCA Service Co., Camden, N.J.
Address: Building 202-2, Camden, NJ 08101
Descriptors: Curriculum Development, *Curriculum Guides, *Learning Activities, *Ornamental Horticulture, *Performance Based Education, Standards, Task Analysis, *Teaching Guides
Funding Period: Start Date 1 Dec 78; End Date 31 Oct 79
Fiscal Year Funding: $9,570
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 58 A

A CBE curriculum for use in ornamental horticulture programs will be developed in this project. The curriculum will include tasks, steps, learning activities, and standards. In addition to the curriculum, a teacher's guide will be produced.

AR 79 0768

Competency-Based Education (CBE) Curriculum in Prevocational Agribusiness and Natural Resources.
Project Director: Lawrence, Layle
Organization: 420 Rebecca Street, Morgantown, W. Va.
Address: 420 Rebecca St., Morgantown, WV 26505
Descriptors: *Agribusiness, Curriculum Development, *Curriculum Guides, Learning Activities, *Natural Resources, *Performance Based Education, *Prevocational Education, Task Analysis, *Teaching Guides
Funding Period: Start Date 1 Dec 78; End Date 30 Aug 79
Fiscal Year Funding: $8,550
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 61 A

A CBE curriculum for use in prevocational agribusiness and natural resources programs will be developed in this project. The curriculum will include tasks, steps, learning activities, and standards. In addition to the curriculum, a teacher's guide will be produced.

AR 79 0769

Competency-Based Education (CBE) Curriculum on Parenting and Consumer Education for the Visually Handicapped and Deaf.
Project Director: Veach, June
Organization: South Branch Vocational Technical Center, Petersburg, W.Va.
Address: Pierpont Street Exit, Petersburg, WV 26847
Descriptors: *Aurally Handicapped, *Consumer Education, Curriculum Development, *Handicapped Students, *Parenthood Education, *Performance Based Education, *Visually Handicapped
Funding Period: Start Date 15 May 79; End Date 15 Sep 79
Fiscal Year Funding: $2,000
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-C-24

A competency-based education curriculum on parenting and consumer education will be developed for visually handicapped and deaf students. Using "Adult Roles and Functions," cognitive, affective, and psychomotor competencies will be identified and validated. The Bureau of Vocational, Technical and Adult Education format will be followed for developing the curriculum.

AR 79 0770

Competency-Based Education (CBE) Educational Aide Curriculum.
Project Director: Fulton, Lora
Organization: Boone County Vocational Technical Center, Danville, W.Va.
Address: Danville, WV 25053
Descriptors: *Behavioral Objectives, Curriculum Development, *Performance Based Education, *School Aides, *Teacher Aides
Funding Period: Start Date 15 Mar 79; End Date 30 Sep 79
Fiscal Year Funding: $1,000
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-C-21

A competency-based education curriculum for educational aides will be produced for use throughout West Virgina. Cognitive, affective, and psychomotor competencies will be determined and validated.

AR 79 0771

Demonstration of the Competency-Based Curriculum for Upgrading Mine Electricians in the Use of Solid State Controls.
Project Director: Dolan, Jimmy
Organization: Boone County Career and Technical Center, Danville, W. Va.
Address: Box 50-B, Danville, WV 25053

Descriptors: Curriculum Development, *Electricians, *Job Skills, *Performance Based Education, *Skill Development
Funding Period: Start Date 15 Jun 78; End Date 30 Jun 79
Fiscal Year Funding: $5,107
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: WV-78-E-9

Project staff will set up classes to demonstrate a competency-based curriculum for upgrading the ability of mine electricians to use sold state controls and will determine the locations of classes after contacting the State Mining Advisory Committee, United Mine Workers of America, West Virginia Coal Operators Association, and the Bureau of Vocational, Technical and Adult Education. A final report containing suggestions for procedures to develop the curriculum will be produced.

AR 79 0772

Development of a Competency-Based Education (CBE) Machine Shop Curriculum.
Project Director: Jacobs, Dan
Organization: Associated Educational Consultants, Inc. Pittsburgh, Pa.
Address: Pittsburgh, PA
Descriptors: Behavioral Objectives, Criterion Referenced Tests, Curriculum Development, *Job Skills, Learning Activities, *Machine Tool Operators, *Performance Based Education, *School Shops, State Curriculum Guides, Surveys, *Teaching Guides
Funding Period: Start Date 1 Jul 78; End Date 31 Jan 79
Fiscal Year Funding: $9,750 (Charged to FY 1978)
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: 52-A

A teacher's guide and a competency-based education (CBE) machine shop curriculum will be developed as a result of this project. The curriculum will contain performance objectives, criterion-referenced measures, performance guides, and learning activities which will be based on competencies validated through a survey of teachers, supervisors and employers, and practitioners. This CBE curriculum will be used across West Virginia and distributed nationally.

AR 79 0773

Electricity Curriculum.
Project Director: Ferguson, Gary
Organization: Boone County Vocational Technical Center, Danville, W.Va.
Address: Danville, WV 25053
Descriptors: *Behavioral Objectives, Curriculum Development, *Electricity, *Industrial Technology, Job Skills, *Performance Based Education, State Curriculum Guides
Funding Period: Start Date 15 May 79; End Date 15 Sep 79
Fiscal Year Funding: $1,000
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-C-22

A one-year, two hour per day competency-based education curriculum in industrial electricity will be developed comprising competencies in safety, tools, job skills, and alternating and direct currents. Cognitive, affective, and psychomotor competencies will be reviewed and validated for the curriculum to be used throughout West Virginia and nationally.

AR 79 0774

Prevocational Competency-Based Education (CBE) Curriculum for Distributive Education.
Project Director: Jones, Charles I.
Organization: Marshall Univ., Huntington, W.Va., OAS Dept.
Address: Huntington, WV 25701
Descriptors: Career Exploration, Curriculum Development, *Distributive Education, *Marketing, *Performance Based Education, *Prevocational Education, *Teacher Developed Materials
Funding Period: Start Date 15 May 79; End Date 31 Aug 79
Fiscal Year Funding: $2,430
Sponsoring Agency: West Virginia State Dept. of Education, Charleston
Contract and/or Control No.: BVTAE-76-WV-79-C-20

Under the direction of a prevocational exploration consultant from Marshall University, four West Virginia distributive education teachers will develop a forty-five hour, prevocational CBE curriculum in marketing and distribution for use in West Virginia's exploration cluster program.

WISCONSIN

Research (Sec. 131)

AR 79 0775

Evaluation of Vocational, Technical, and Adult Education from an Academic Chair.
Project Director: Swanson, Robert
Organization: Wisconsin Univ. - Stout, Menomonie
Address: Menomonie, WI 54751
Descriptors: *Administrator Attitudes, *Employer Attitudes, *Feasibility Studies, Interinstitutional Cooperation, Program Evaluation, *Public Opinion, *Public Relations, *School Industry Relationship
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 30.026.150.319

A contractor will interview leaders to private corporations and foundations to determine the public image of vocational, technical, and adult education in Wisconsin. A steering committee will be used to help design the study and review the findings. In addition, data will be collected on the feasibility of an academic chair to be supported by education to discuss issues, problems, and challenges in vocational education.

AR 79 0776

Graduate Student Research Grant–VIII.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie, Center for Vocational, Technical and Adult Education
Address: Menomonie, WI 54751
Descriptors: *Educational Research, Educational Researchers, Federal Aid, *Graduate Students, Research Needs, *Research Projects, *Research Skills, *Skill Development, *Student Research
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 30.703.150.319

Four to six small research projects will be conducted using funds made available for use by vocational education graduate students. All project proposals must be approved by the state board staff and contribute to the solution of pertinent problems in vocational education. Availability of these funds will (1) encourage research on problems relevant to VTAE agency needs, (2) develop and sharpen research skills, and (3) develop an appreciation for the relevancy of research. Final reports will be produced for each of the problem solving grants.

AR 79 0777

Research Seminar.
Project Director: Nelson, Orville
Organization: Wisconsin Univ. - Stout, Menomonie
Address: Menomonie, WI 54751
Descriptors: *Educational Needs, Educational Research, *Educational Researchers, Inservice Education, Needs Assessment, Program Development, *Research Directors, *Research Skills, *Seminars, *Staff Improvement
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,467
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 30.704.150.319

A five-day research seminar will be conducted to (1) upgrade the research competencies for twenty vocational, technical, and adult education research and development assistants and administrators; and (2) identify research competency needs. The seminar agenda will be developed in cooperation with research consultants from the State Board of Education and the Research Committee of the VTAE Administrators Association. More and higher quality research and reporting should result from upgraded competencies. A final report of the project will be produced.

AR 79 0778

Student Attrition within a Rural-Urban Vocational, Technical, and Adult Education (VTAE) District of Wisconsin.
Project Director: Farning, Max
Organization: Mid-State Technical Inst., Wisconsin Rapids, Wis.
Address: Wisconsin Rapids, WI
Descriptors: *Attrition (Research Studies), Data Collection, *Dropout Characteristics, *Dropout Prevention, *Dropout Research, *Rural Areas, Rural Dropouts, School Holding Power, School Surveys, Student Attitudes, Teacher Attitudes, *Urban Areas, Urban Dropouts
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,240
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 14.017.150.319

Factors contributing to student attrition in rural and urban vocational, technical, and adult education programs in Wisconsin will be identified and analyzed. Project activities include (1) identification of significant factors of student attrition, (2) collection of student background information, (3) collection of withdrawal information from students and staff, (4) comparison of student and faculty perceptions about withdrawal, and (5) development of retention measures. Data collection will be administered through the research and development office in the district. Findings will be used by counselors, teachers, and administrators as a basis for modifying programs and services to increase retention.

AR 79 0779

Survey of Licensed Land Surveyors in the State of Wisconsin.
Project Director: Maiers, Merlin
Organization: Area Vocational-Technical District Four, Madison, Wis.
Address: Madison, WI
Descriptors: Curriculum Development, *Curriculum Research, Data Collection, *Job Analysis, Job Skills, *Occupational Surveys, Program Design, Program Evaluation, *Questionnaires, *Teacher Workshops
Identifiers: *Surveyors
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,700
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 04.022.150.319

This assessment of licensed land surveyors will provide information to be used in instructor workshops to update curricula. Job tasks of land surveyors will be verified and evaluative data on the land surveying instructional program will be obtained. Questionnaires will be sent to about 200 land surveyors and twenty-five interviews will be conducted.

AR 79 0780

Testing of a Program Evaluation Model.
Project Director: Weiner, Art
Organization: Moraine Park Technical Inst., Fond du Lac, Wis.
Address: Fond du Lac, WI
Descriptors: Data Collection, *Evaluation Criteria, *Evaluation Methods, Factor Analysis, *Models, Program Costs, Program Development, *Program Effectiveness, *Program Evaluation, Vocational Followup
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $13,521
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 10-022-150-319

This project will develop a functional plan which incorporates data from selected vocational programs, and will analyze the data to determine program effectiveness. Data will be collected on five areas: enrollment, graduates, influencing trends, program costs, and resources (staff, curriculum facilities, and equipment). A final report will be prepared describing the field-tested model for determining program effectiveness.

AR 79 0781

Tuition as an Influence on Enrollment in Vocational, Technical, and Adult Education (VTAE) Programs.
Project Director: Beyle, Doyle
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Address: Madison, WI
Descriptors: Adult Education, *Biographical Inventories, Demography, *Enrollment Influences, Postsecondary Education, Secondary Education, *Student Characteristics, *Student Costs, Surveys, *Tuition
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $30,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Wisconsin
Contract and/or Control No.: 19-023-150-319

To assist in decision-making and policy formulation to determine tuition levels for part-time and full-time students, the University of Wisconsin Survey Research Laboratory will (1) develop demographic profiles of a representative sample of current and potential vocational, technical, and adult education enrollees; (2) identify and analyze psychological, sociological, educational and other deterrents to enrollment in postsecondary programs; and (3) analyze relationships of the nature of the respondent with reasons for not enrolling. An ad hoc committee will be formed to help guide the project and develop drafts of instruments.

AR 79 0782

Wisconsin Senior Survey.
Project Director: Lambert, Roger
Organization: Wisconsin Univ., Madison. Wisconsin Vocational Studies Center
Address: Madison, WI
Descriptors: *Comparative Analysis, Data Analysis, *Data Bases, *Educational Interest, Educational Needs, *Educational Planning, High School Students, Occupational Aspiration, Postsecondary Education, Questionnaires, *School Surveys, Secondary Education, *Seniors, Student Attitudes, Vocational Interests
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $12,960
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 20-035-150-319

Wisconsin high school seniors will be surveyed during May and June 1979 to determine their plans for future education and employment. This will build on the 1975 senior survey data base and comparative analysis will be made between 1975 and 1979 information. Procedures will include (1) formation of a representative steering committee, (2) development and distribution of questionnaires to high school seniors, (3) collation and analysis of the data, and (4) dissemination of the reports. The data base will facilitate planning of vocational education programs on both the secondary and postsecondary levels. Printouts will be provided of each school's data.

AR 79 0783

Wisconsin Vocational Educator Magazine.
Project Director: Lambert, Roger
Organization: Wisconsin Vocational Studies Center, Madison
Address: Madison, WI
Descriptors: *Educational Development, *Educational Research, *Information Dissemination, *Periodicals, Program Descriptions, Projects, *Publications, *Research Reviews (Publications)
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $7,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 20-034-150-319

Four issues of the "Wisconsin Vocational Educator Magazine" will be produced in this project. The magazine will provide information on vocational education research and development programs in Wisconsin to educators. An editorial board will serve as a planning and review committee to recommend topics and authors for articles on a quarterly basis.

Exemplary and Innovative (Sec. 132)

AR 79 0784

Career Opportunities through TV Broadcasting.
Project Director: Greeson, Bernard
Organization: Milwaukee Vocational, Technical, and Adult Schools, Wis.
Address: 1015 N. Sixth Street, Milwaukee, WI 53203
Descriptors: Adults, Agriculture, Children, *Educational Television, Engineering Technology, Forestry, Graphic Arts, Health Occupations, *Instructional Media, Marketing, *Occupational Information, Office Occupations, *Publicize, Youth
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $15,004
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 09-011-150-319

Twelve fifteen-minute television programs will be produced and broadcast to provide an opportunity for adults, youth, and children to gain information in an informal manner about agriculture, forestry, personal services, engineering and other technologies, graphic and applied arts, health occupations, and marketing and office occupations. Basic information will be obtained from labor market reports and school program information; photography will be obtained from places of employment and school laboratories. The programs will be produced on 2" TV tape, 3/4" videocassette tape, and 16mm sound film.

AR 79 0785

Wisconsin Occupational Information System (WOIS) (Continuation).
Project Director: Lambert, Roger H.
Organization: Wisconsin Univ., Madison. Vocational Studies Center
Address: 500 Lincoln Drive, Madison, WI 53706
Descriptors: Career Choice, Career Education, Career Opportunities, *Data Bases, Demand Occupations, *Educational Opportunities, Educational Planning, *Employment Opportunities, *Information Systems, *Occupational Information
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $75,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 20-032-150-319

This project will fund the fourth year of operation of the computerized Wisconsin Occupational Information System. This system helps persons learn about careers, helps labor force entrants become aware of occupations, increases the awareness of major sources of occupational and educational sources, and provides information of use in counseling and educational planning. Project priorities will emphasize file maintenance and quality assurance to reflect changes in job outlook and economic information. The files consist of (1) occupational information, (2) reference to military occupations, (3) education and training, (4) career resources, (5) scholarship and financial aids, (6) SORT, and, (7) hard-copy backup. Over 160,000 persons have access to the seven informational files at 248 sites.

Curriculum Development (Sec. 133)

AR 79 0786

Agribusiness Articulation Workshop.
Project Director: Boyle, William
Organization: District One Vocational, Technical, and Adult Education District, Eau Claire, Wis.
Address: 620 W. Clairemont Avenue, Eau Claire, WI 54701
Descriptors: *Agribusiness, *Articulation (Program), Curriculum
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Educaion, Madison
Contract and/or Control No.: 01-014-150-319

About 600 high school graduates annually will benefit from an agribusiness curriculum articulation plan to be developed in a one-day workshop. Thirty-five staff members in agribusiness programs at the secondary and postsecondary levels will meet to discuss agribusiness programs and develop the articulation plan. Measures will be devised to determine training and background capabilities of students to facilitate transition from secondary to postsecondary vocational programs. The articulation plan and a final report will be delivered.

AR 79 0787

Articulating Secondary and Postsecondary Vocational Education Curriculums.
Project Director: Anholt, Charles

Organization: Mid-State Technical Inst., Wisconsin Rapids, Wis.
Address: Wisconsin Rapids, WI
Descriptors: *Articulation (Program), Curriculum Development, *Curriculum Planning, *Interinstitutional Cooperation, *Job Skills, Postsecondary Education, *Program Coordination, Secondary Education, Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $11,725
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 14-001-15-319

To develop a procedure which will coordinate selected curriculums of secondary schools with postsecondary school curriculums, competencies in selected programs will be identified and levels of instruction for each competency will be determined. Preliminary visitations will be made to secondary districts, followed by a summer workshop to finalize procedures required to guarantee that identified competencies are taught in a logical manner.

AR 79 0788

Articulation Conference.
Project Director: Greeson, Bernard
Organization: Milwaukee Vocational, Technical, and Adult Schools, Wis.
Address: 1015 N. Sixth Street, Milwaukee, WA 53203
Descriptors: *Articulation (Program), *Job Skills, Postsecondary Education, Secondary Education, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,145
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 09-017-150-319

Closer articulation in vocational skills areas will be sought to provide students in Waukesha and Milwaukee counties with a smoother transition from high schools to postsecondary technical institutes. About 125 secondary and postsecondary vocational education teachers and other staff will be invited to an afternoon and evening conference and workshop to hear vocational and educational leaders and participate in small work sessions. A final report will be delivered.

AR 79 0789

Articulation of Competency-Based Curriculum Development for V-TECS Catalogs.
Project Director: Beyl, Doyle
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Address: Madison, WI 53702
Descriptors: *Articulation (Program), *Behavioral Objectives, Catalogs, Check Lists, *Criterion Referenced Tests, Interinstitutional Cooperation, *Performance Based Education, Performance Criteria, Postsecondary Education, Secondary Education, *Task Performance
Identifiers: *Vocational Technical Education Consortium States
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $39,265
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 19-053-150-319

A V-TECS catalog needs assessment will be conducted and two V-TECS catalogs based upon surveys of incumbent workers will be developed and produced to assist local districts in curriculum development through use of V-TECS catalogs of performance objectives, performance guides, and criterion-referenced measures. A series of V-TECS dissemination and utilization workshops will be conducted throughout the state.

AR 79 0790

Articulation of Small Engines/Power Competencies between Secondary and Postsecondary Level in Lakeshore Technical Institute District.
Project Director: Schroder, Marvin
Organization: Lakeshore Technical Inst., Cleveland, Wis.
Address: Cleveland, WI
Descriptors: *Articulation (Program), *Auto Mechanics, College High School Cooperation, Curriculum Development, *Curriculum Guides, Inservice Teacher Education, Job Analysis, *Job Skills, Mechanical Skills, Postsecondary Education, *Power Mechanics, Secondary Education, Task Analysis, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,344
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 11-013-150-319

A curriculum guide for small engines and power mechanics will be developed to articulate competencies between secondary and postsecondary levels in the Lakeshore Technical Institute district. The contractor will (1) determine competencies needed by graduates in the small engines and power mechanics areas, (2) determine the competencies taught at the secondary and postsecondary levels, (3) develop a recommended sequence of instruction, (4) develop an inservice education plan, and (5) develop a plan for disseminating the results. A steering committee representing schools and courses taught will be formed. Participants will prioritize the competencies and prepare a matrix of competency offerings at the secondary and postsecondary levels.

AR 79 0791

Articulation of Vocational Education among Secondary Schools, CESA Agencies I, IV, V; and Wisconsin Indianhead Vocational, Technical, and Adult Education (VTAE) District.
Project Director: Wagner, Daniel
Organization: Wisconsin Indianhead Technical Inst., Shell Lake
Address: Shell Lake, WI
Descriptors: *Articulation (Program), Curriculum Development, Inservice Teacher Education, *Instructional Materials, *Interinstitutional Cooperation, *Material Development, Needs Assessment, *Performance Based Education, Performance Tests, Secondary Schools, Staff Improvement, Student Records, Teacher Workshops, Vocational Schools
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $8,437
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 17-008-150-319

This project will further foster the close working relationship of the Indianhead Vocational/Technical District with CESA agencies and forty-seven secondary schools through use of V-TECS and OVIS materials. Project objectives are to upgrade curriculum articulation capabilities of staff, identify taxonomies of selected competencies, and develop competency-based student achievement records. Joint planning meetings of secondary and postsecondary staff will be conducted to review anticipated needs and select curriculum and staff to be involved in the articulation efforts. Curriculum articulation workshops will be conducted. By accomplishing these objectives, postsecondary curriculum will be strengthened and students' vocational education will become more efficient through the elimination of duplication, advanced placement at postsecondary levels, and earlier job placement. Prototype articulated curriculum materials and a final report of the project will be produced.

AR 79 0792

Center for Vocational, Technical and Adult Education–VIII.
Project Director: Nelson, Orville
Organization: Wisconsin Univ., - Stout, Menomonie
Address: Menomonie, WI
Descriptors: Educational Development, *Educational Needs, *Educational Planning, *Educational Research, *Program Development, Project Applications, *Research and Development Centers, *Research Needs, Research Projects
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $50,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 30.701.150.319

Leadership and office support staff will be provided in order to identify needs of vocational educators in Wisconsin, and to use the resources of the university to help solve the identified needs through development and conduct of approved projects. A CVTAE advisory committee will identify priorities. Appropriate project proposals will be developed and submitted to the Wisconsin Board of Vocational, Technical, and Adult Education, USOE, and other sources. A final report of the project, and a final report for each additional approved project will be produced.

AR 79 0793

Competency-Based, Multi-Curriculum Development Project (Continuation).
Project Director: Paulsen, Russel
Organization: North Central Technical Inst., Wausau, Wis.
Address: Wausau, WI
Descriptors: *Articulation (Program), College High School Cooperation, Curriculum Development, *Curriculum Planning, *Interinstitutional Cooperation, *Performance Based Education, Postsecondary Education, *Program Development, Secondary Education, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79

Fiscal Year Funding: $9,765
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 15.302.150.319

Three to five technical education curricula will be converted to the competency-based format. The curricula will be updated to meet business and industry needs and articulated with secondary programs to reduce duplication and facilitate student transition to postsecondary programs. An ad hoc committee will be formed in each program area to review the literature and develop competency-based curriculum.

AR 79 0794

Curriculum Articulation.
Project Director: Spanbauer, Stanley
Organization: Fox Valley Technical Inst., Appleton, Wis.
Address: P.O. Box 2277, Appleton, WI 54913
Descriptors: *Articulation (Program), *Health Occupations Education, Postsecondary Education, *Program Development, *Resource Guides, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $860
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 12-431-150-319

An articulation program in health occupations will be planned, implemented, and evaluated to provide students with a smoother transition from high schools to postsecondary technical institutes. A one-day workshop will be held to apprise health occupations staff of programs offered at secondary and postsecondary levels, and additional copies of an articulation model, "Bridging the Gap," will be printed and distributed. A project report will be delivered.

AR 79 0795

Curriculum Articulation.
Project Director: Corcoran, Michael
Organization: Northeast Wisconsin Technical Inst., Green Bay
Address: 2740 W. Mason Street, Green Bay, WI 54303
Descriptors: *Articulation (Program), *Cooperative Planning, Curriculum Development, Postsecondary Education, *Program Planning, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,350
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 13-039-150-319

Curriculum articulation between secondary and postsecondary institutions will result in improved communications, cooperation, and coordination and will provide students with a smoother transition from secondary to postsecondary schools. Secondary and postsecondary administrators, supervisors, and selected teachers will discuss issues of articulation and mutual concern which affect policy at secondary and postsecondary levels. A project report will be delivered.

AR 79 0796

Curriculum Articulation.
Project Director: Temte, William
Organization: Western Wisconsin Technical Inst., La Crosse
Address: Sixth and Vine Streets, LaCrosse, WI 54601
Descriptors: *Articulation (Program), Curriculum Development, Instructional Staff, *Mathematical Concepts, Postsecondary Education, *Scientific Concepts, Secondary School Teachers, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,200
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 02-027-150-319

Mathematics and science teachers (two junior high, two senior high and two postsecondary staff members) will be involved in several work sessions held to identify the mathematics and science concepts needed in postsecondary vocational-technical programs and to develop a model for future expanded articulation projects. Improved communications and cooperative attitudes should lead to further articulation efforts in additional junior and senior high schools. A project report will be delivered.

AR 79 0797

Curriculum in Baking.
Project Director: Marcouiller, Don
Organization: Wisconsin Indianhead Vocational, Technical, and Adult Education District, Shell Lake
Address: 2100 Beaser Avenue, Ashland, WI 54806
Descriptors: *Cooking Instruction, Curriculum Development, *Food Service Occupations, *Foods Instruction, Home Economics Education, Individualized Instruction, Instructional Aids, *Instructional Films, Occupational Home Economics, Performance Based Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $488
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 17-011-150-319

One hundred eighteen 8mm film loops will be made available for individualized, competency-based instruction in the baking and quantity foods programs to benefit about twenty-five students per year. The film loops will be purchased and viewed by instructors to incorporate them into an individualized instructional management system.

AR 79 0798

Curriculum Weights and Measures: A Taxonomy Task Force.
Project Director: Zenor, Clifford
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Address: Madison, WI 53702
Descriptors: *Classification, Curriculum, *Curriculum Design, Curriculum Development, *Instructional Programs, *Measurement Techniques, *Taxonomy
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $11,850
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 19-007-150-319

Project staff will refine elements in the taxonomy of instructional disciplines, and refine instructional attributes of each course included in the taxonomy. A clerical person will be employed half-time to assemble, type, compile, and disseminate materials developed by two task forces, one on curriculum weights and measures, and another on program taxonomy. A program and curriculum taxonomy report will be prepared.

AR 79 0799

Developing Competency-Based Curriculum Materials at Fox Valley Technical Institute.
Project Director: Spanbauer, Stanley J.
Organization: Fox Valley Technical Inst., Appleton, Wis.
Address: Appleton, WI
Descriptors: Curriculum Development, Educational Alternatives, Educational Strategies, Individualized Instruction, Instructional Materials, *Management Systems, *Material Development, *Performance Based Education, Postsecondary Education, *Program Development, *Program Evaluation, *Teacher Developed Materials, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $10,800
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 12-345-150-319

This project will develop numerous learning alternatives to meet the needs of students who possess a variety of abilities, interests, and attitudes by continuing the course improvement at Fox Valley Technical Institute (FVTI) through establishing a management system for the implementation and evaluation of a competency-based curriculum development program, providing incentives to encourage forty instructors to develop individualized instructional materials, and evaluating the effectiveness of the program. Faculty members will be encouraged to submit curriculum development projects to the assistant director of instructional services at FVTI.

AR 79 0800

Development and Implementation of Competency-Based Education–Phase III.
Project Director: Mills, Kenneth
Organization: Gateway Technical Inst., Kenosha, Wis.
Address: 3520 30th Avenue, Kenosha, WI 53140
Descriptors: Curriculum Development, General Education, *Individualized Instruction, *Job Skills, *Learning Modules, *Performance Based Education, Postsecondary Education, *Teacher Workshops, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $25,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison

Contract and/or Control No.: 06.038.150.319

This project will facilitate the individualization of instruction for several hundred vocational students by developing and implementing Phase III of Gateway Technical Institute's plan for competency-based education to meet the special needs of all individuals in accordance with previously developed manuals: "Competency Based Education: A Curriculum Design for GTI" and "CBE Implementation Manual." The project steering committee will offer a series of competency-based workshops for curriculum advisors to assist them in writing curriculum. A prototype competency-based curriculum and instruction modules in several vocational and technical subject areas will be produced.

AR 79 0801

Follow-Up of Electronics Students and Employers.
Project Director: Covelli, Nick
Organization: Gateway Technical Inst., Kenosha, Wis.
Address: 3520 - 30th Avenue, Kenosha, WI 53141
Descriptors: Associate Degrees, *Curriculum Development, *Electronics, *Electronic Technicians, *Employer Attitudes, *Graduate Surveys, Junior Colleges, Postsecondary Education, *Program Improvement, Questionnaires, *Technical Occupations
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $4,121
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 06-050-150-319

Results of a survey of incumbent workers and their employers will form the basis for an updated curriculum expected to benefit about 300 students per year in electronics technology associate degree programs in Wisconsin. Project staff will develop task-based questionnaires to determine their frequency of performance and degree of importance on the job, obtain evaluative feedback from former students and their employers regarding improvement in the electronics program, analyze the results of the survey, and prepare a report of the findings. A random sample will be obtained for the survey from former students for 1975, 1976, 1977 and 1978. Questionnaires will be mailed to 400 former students through respective VTAE districts; 50 former students and employers will be interviewed.

AR 79 0802

Improving Articulation between Secondary Schools and Fox Valley Technical Institute (Continuation).
Project Director: Spanbauer, Stanley
Organization: Fox Valley Technical Inst., Appleton, Wis.
Address: 1825 North Blue Mound Drive, Appleton, WI 54911
Descriptors: *Articulation (Program), *College High School Cooperation, Cooperative Planning, Curriculum Development, *Curriculum Planning, Drafting, Health Occupations Education, Human Development, Instructional Materials, *Material Development, Office Occupations Education, Postsecondary Education, *Program Effectiveness, Secondary Education, *Teacher Workshops, Technical Institutes
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $6,775
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 12-343-150-319

This is Phase II of a project to improve articulation in health occupations and human development between secondary schools and Fox Valley Technical Institute. Liaison will be maintained with secondary schools in drafting and office education. Phase I articulation will be initiated in a curriculum area yet to be selected. Conferences and workshops will be conducted and a steering committee will provide direction to the project. Articulated curriculum will result from the project which will provide a smooth transition from secondary to postsecondary education for several hundred students.

AR 79 0803

Mathematics Articulation.
Project Director: Nagler, Phyllis
Organization: Moraine Park Technical Inst., Fond Du Lac, Wis.
Address: 235 N. National Avenue, Fond Du Lac, WI 54935
Descriptors: *Admission Criteria, *Articulation (Program), *Mathematics, Postsecondary Education, Secondary Education, *Teacher Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $1,200
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 10-004-150-319

Articulation between secondary and postsecondary mathematics programs will be achieved by apprising high school students of mathematics requirements for postsecondary vocational and technical programs. Project staff will define applied mathematics as accepted by the postsecondary VTAE system and identify prerequisite mathematics concepts and competencies. To accomplish this, a two-day workshop will be conducted for twelve mathematics instructors from Fond du Lac and Beaver Dam High Schools and for three technical institute mathematics instructors. A project report will be delivered.

AR 79 0804

Milwaukee Area Technical College District Curriculum Articulation Project (Continuation).
Project Director: Greeson, Bernard
Organization: Milwaukee Area Technical Coll., Wis.
Address: 1015 North 6th Street, Milwaukee, WI 53203
Descriptors: Advanced Placement, Area Vocational Schools, *Articulation (Program), *College High School Cooperation, *Comprehensive Programs, Curriculum Development, *Instructional Materials, Interinstitutional Cooperation, Job Skills, Material Development, *Performance Based Education, Postsecondary Education, *School Industry Relationship, Secondary Education, Task Performance, Taxonomy, Teacher Seminars, Technical Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,417
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 09-039-150-319

To explore, develop, and implement closer cooperation, communication, and coordination between high schools, business and industry, and Milwaukee Area Technical College in as many vocational-technical areas as possible, selected taxonomies of competencies and performance levels at secondary and postsecondary levels will be identified and procedures for advanced placement in selected programs will be expanded. A series of teacher-to-teacher seminars in numerous vocational technical areas will be used to identify taxonomies of competencies which should be developed at various levels of instruction. Cross visitation of programs will be conducted. A report of activities and strategies and taxonomy lists of competencies in selected areas will be prepared.

AR 79 0805

North Central Technical Institute (NCTI) Energy Institute (Continuation).
Project Director: Roberts, Richard
Organization: North Central Technical Inst., Wausau, Wis.
Address: 1000 Schofield Avenue, Wausau, WI 54401
Descriptors: *Conservation Education, Curriculum Development, *Educational Resources, *Energy Conservation, Inservice Teacher Education, *Institutes (Training Programs), *Instructional Materials, *Material Development, Needs Assessment, Postsecondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $14,100
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 15-295-150-319

To promote energy conservation concepts, project staff will identify energy conservation needs of local businesses, industries, students, and faculty; identify energy conservation resources; and develop appropriate instructional materials. A resource task force will be established to work as an advisory group to the NCTI energy coordinator. Several curriculum development and inservice sessions will be conducted, and resource persons will conduct seminars.

AR 79 0806

Secondary and Postsecondary Curriculum Development in Auto Mechanics (Continuation).
Project Director: Birchler, Robert
Organization: District One Technical Inst., Eau Claire, Wis.
Address: Eau Claire, WI
Descriptors: *Articulation (Program), *Auto Mechanics (Occupation), Curriculum Development, *Curriculum Guides, Instructional Materials, *Interinstitutional Cooperation, Job Skills, *Learning Modules, Material Development, Mechanical Skills, *Performance Based Education, Postsecondary Education, Secondary Education
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,579
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 01.012.105.319

A competency-based, articulated automotive mechanics curriculum will be developed, and competencies taught at secondary and postsecondary levels will be identified. A writing team composed of staff from secondary and postsecondary schools will be formed to analyze competency lists, develop the articulated curriculum guide, and assemble instructional packages. The result of the project will be competency-based instructional packages in automotive mechanics.

AR 79 0807

Vocational Education Curriculum Articulation.
Project Director: Krogstad, Roland
Organization: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Address: Madison, WI 53702
Descriptors: *Articulation (Program), *College High School Cooperation, Curriculum Development, Inservice Teacher Education, *Instructional Materials, Job Skills, *Material Development, Models, *Performance Based Education, Postsecondary Education, Secondary Education, Skills, *Staff Improvement, Student Records, Task Analysis, Workshops
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $16,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 19.002.150.319

To stimulate VTAE districts to upgrade staff competencies in articulation of secondary and postsecondary vocational education programs, districts will identify selected vocational task and competency lists, levels of instruction for various tasks will be identified, and competency-based supplemental student achievement records will be developed. Projects will be submitted by districts to conduct planning meetings, surveys, and curriculum analysis workshops. A final report of project and prototype articulated curriculums will be produced.

AR 79 0808

Wisconsin Vocational Studies Center.
Project Director: Strong, Merle
Organization: Wisconsin Univ., Madison
Address: Madison, WI
Descriptors: Curriculum Development, Curriculum Research, *Demonstration Projects, Educational Development, *Educational Needs, *Educational Research, *Information Dissemination, *Research and Development Centers
Funding Period: Start Date 1 Jul 78; End Date 30 Jun 79
Fiscal Year Funding: $50,000
Sponsoring Agency: Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
Contract and/or Control No.: 20-030-150-319

This project will provide basic linkage leadership and office support to develop and conduct research, exemplary, and curriculum development projects and disseminate them for use in vocational education in Wisconsin. An office which houses Wisconsin Vocational Studies Center staff will continue to function at the University of Wisconsin-Madison campus. Wisconsin vocational education needs and priorities will be reviewed, proposals for funding developed, and approved projects conducted. Reports of approved projects and an annual report of the center will be prepared.

WYOMING

Research (Sec. 131)

AR 79 0809

State Planner/Researcher.
Project Director: Humburg, Renae
Organization: Wyoming Univ., Laramie
Address: Laramie, WY 82071
Descriptors: Data Collection, *Educational Accountability, *Educational Research, Federal Legislation, *Management Systems, Research Design, *Researchers, *Systems Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $10,000
Note: This project also received $25,991 under Sec. 132 for FY 1979.
Sponsoring Agency: Wyoming State Dept. of Education, Cheyenne

This continuation of a project funded in FY 1979 is for the purpose of conducting research to develop a management data system to meet the accountability and data requirements of PL 94-482.

Exemplary and Innovative (Sec. 132)

AR 79 0810

Development and Implementation of a Management Information System.
Project Director: Humburg, Renae
Organization: Wyoming Univ., Laramie
Address: Laramie, WY 82071
Descriptors: Accountability, *Decision Making, Educational Improvement, *Educational Planning, *Evaluation, *Management Information Systems, Models, Pilot Projects, Postsecondary Education, Secondary Education, *Systems Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $3,391 (Charged to FY 1978)
Sponsoring Agency: Wyoming State Dept. of Education, Cheyenne

To meet the accountability mandate of PL 94-482, a model informational system for state-wide reporting will be developed which will improve the planning, evaluation, and decision-making aspects of vocational education in Wyoming. Three secondary institutions and three postsecondary institutions will be developed as sites for the pilot testing of this management information system.

AR 79 0811

Experience-Based Career Education (EBCE).
Project Director: Allen, Clark
Organization: Laramie County School District 1, Cheyenne, Wyo.
Address: Cheyenne, WY 82001
Descriptors: *Career Education, *Career Exploration, *Experiential Learning, Instructional Materials, Integrated Curriculum, Middle Schools, Program Development, Secondary Education
Identifiers: *Experienced Based Career Education Program
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $2,000
Sponsoring Agency: Wyoming State Dept. of Education, Cheyenne

Training opportunities in career education for middle school students will be developed, implemented, and expanded to include real world interactions. The career exploration staff at McCormick Middle School and the district vocational coordinator will provide equipment, materials, and assistance for infusing career education into the general curriculum.

AR 79 0812

Experience-Based Career Education (EBCE).
Project Director: Smerjac, John
Organization: Platte County School District 1, Wheatland, Wyo.
Address: Wheatland, WY 82201
Descriptors: Academic Achievement, *Career Education, Community Resources, Delivery Systems, *Educational Resources, *Experiential Learning, Human Resources, Instructional Materials, Job Training, *Management Systems, *Program Development
Identifiers: *Experience Based Career Education Program
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $7,000
Sponsoring Agency: Wyoming State Department of Education, Cheyenne

A management system for providing experience-based career education (EBCE) will be identified, developed, and implemented to give students the opportunity to explore occupational areas for future vocational training in job-entry level skills. Personnel will be hired and trained to deliver student outcomes as identified in the EBCE model. Appropriate EBCE materials will be provided to facilitate achievement of stated learner outcomes, and community and human resources will be developed for the benefit of the EBCE students.

AR 79 0813

Farm Management.
Project Director: Hubbard, Richard
Organization: Crooke County School District 1, Sundance, Wyo.
Address: Sundance, WY 82729
Descriptors: *Agricultural Education, Agricultural Occupations, *Community Involvement, *Farm Management, Field Experience Programs, Job Training, *On the Job Training, *Rural Schools, Secondary Education, *Skill Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $870
Sponsoring Agency: Wyoming State Dept. of Education, Cheyenne

Students will gain entry-level skills in various phases of agriculture farm management through onsite training provided by ranchers and businesspersons.

AR 79 0814

Food Service Program.
Project Director: Harkins, Beverly
Organization: Teton School District 1, Jackson, Wyo.
Address: Jackson, WY 83001
Descriptors: Field Experience Programs, *Food Service, Food Service Industry, *Food Service Occupations, Job Training, *Lunch Programs, *Rural Schools, Secondary Education, *Skill Development
Funding Period: Start Date 1 Oct 78; End Date 30 Sep 79
Fiscal Year Funding: $5,000
Sponsoring Agency: Wyoming State Dept. of Education, Cheyenne

Students in a small rural high school will receive training in food service occupations through the lease and management of the Carriage House. Students will gain experience in keeping records and accounts, planning balanced menus, and preparing meals for a school lunch program.

AR 79 0815

Food Services Occupations.
Project Director: Shelley, Weldon
Organization: Fremont County School District 25, Riverton, Wyo.
Address: Riverton, WY 82501
Descriptors: *Employment Opportunities, Employment Programs, *Equal Opportunities (Jobs), Females, Food Service Industry, *Food Service Occupations, *Job Training, Student Recruitment, Students, *Trainees, Vocational Counseling
Identifiers: *Comprehensive Employment and Training Act
Funding Period: Start Date 1 Oct 78; End Date 30 Jun 79
Fiscal Year Funding: $4,139
Sponsoring Agency: Wyoming State Department of Education, Cheyenne

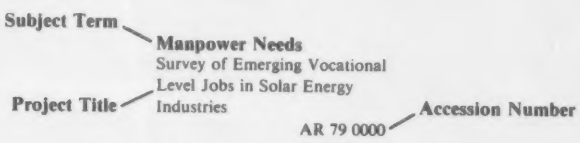
Food service occupations training will be expanded for all students. Vocational counselors will explain employment opportunities in the rapidly growing food service industry in Riverton. Special attempts will be made to increase the enrollment of females in the food service program and to work cooperatively with CETA sponsored trainees.

SECTION II.
SUBJECT INDEX

Subject Index

This index lists the titles of projects under the major subject terms that have been assigned to indicate project content. The subject terms are taken from the *Thesaurus of ERIC Descriptors* and are listed in alphabetical order. (Note: projects in this publication are in the broad area of Vocational Education. Therefore, "Vocational Education" is not used as a major descriptor except to occasionally clarify project content.)

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project can be found under that number in the Resume Section.



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